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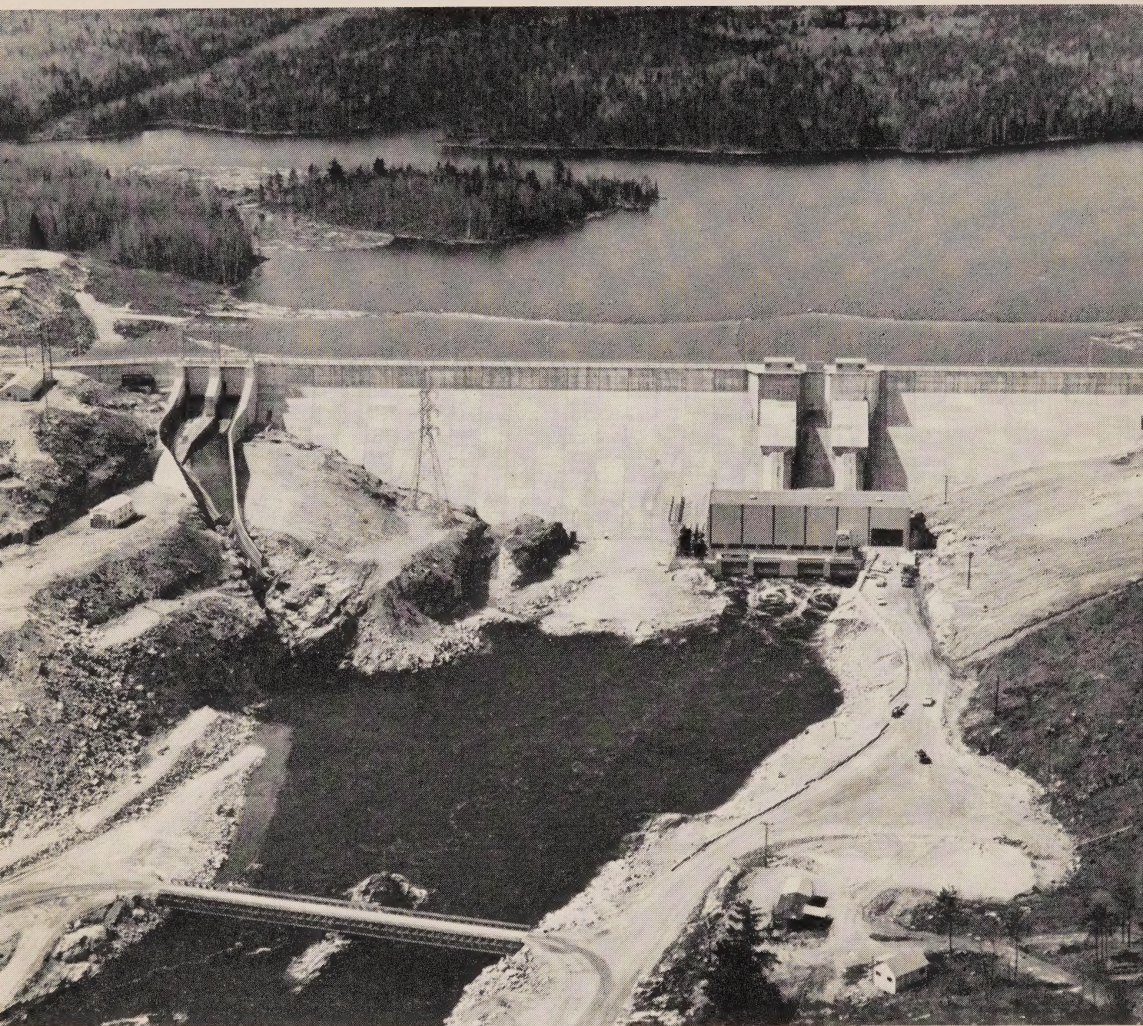
Hydro-Electric Power Commission of Ontario

67 ANNUAL REPORT



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MOUNTAIN CHUTE GENERATING STATION

The station was placed in service in November 1967 as the first stage of a program to extend the development of the Madawaska River, primarily as a source of peak capacity on the system. Operations at Mountain Chute will be closely co-ordinated with the operation of Barrett Chute and Stewartville Generating Stations farther down stream, where additional units are being installed to make optimum use of the controlled flow of the river. The dam, including the 190-foot powerhouse, is approximately 1,400 feet long.

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The Hydro-Electric Power Commission of Ontario

Sixtieth
Annual Report
for the Year
1967

This Report is published pursuant to The Power Commission Act,
Revised Statutes of Ontario, 1960, Chapter 300, Section 10.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

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C. B. C. SCOTT
*Assistant General Manager
Personnel*

LETTER OF TRANSMITTAL

TORONTO, ONTARIO, MAY 14, 1968

THE HONOURABLE W. EARL ROWE, P.C.(C), LL.D., D.Sc.Soc.

Lieutenant-Governor of Ontario

SIR:

I have the honour to present the Sixtieth Annual Report of The Hydro-Electric Power Commission of Ontario, for the year ended December 31, 1967.

At the beginning of 1967, the Commission had plans for the installation during the year of an unprecedented 1,000,000 kilowatts in capacity to meet primary power requirements, which usually reach an annual peak in December. This was expected to provide some margin of reserve capacity as a first instalment towards the eventual re-establishment of an adequate reserve margin in the near future. However, strikes, late delivery of major items of equipment, and problems in commissioning new facilities resulted in the addition of only about half the capacity planned. In the circumstances it seemed prudent to advise the public of the difficulties that might be faced should unfavourable contingencies arise. A potentially critical situation was averted; moderate weather conditions kept loads within manageable limits, operating conditions were generally favourable, and the Commission, with 8,995,300 kilowatts of dependable peak capacity, was able, by pressing every available unit into service, to meet all its commitments for primary power and energy.

The value of our interconnections with neighbouring utility systems was fully demonstrated. When necessary we were able to draw upon interconnected resources. On other occasions we were able to provide assistance as required.

Above-normal temperatures in December held the 1967 increase in peak requirements to 4.7 per cent. For the first time in some years the winter peak occurred in January (1968), reaching a high of 9,214,000 kilowatts, an increase of 7.6 per cent over the peak in the previous winter. This was well above the historical long-term rate of growth.

A highlight of 1967 was the production of electric energy from Canada's first commercial nuclear generating station at Douglas Point. Although two lengthy shut-downs followed the first generation of power in January, the 200,000-kilowatt plant was restored to service on December 15. It operated at 75 per cent of capacity until March 8, 1968, when full output was achieved during a trial run. If nuclear stations perform as we expect, they will supply the bulk of Ontario's future power needs, with fossil-fuel plants being used ultimately for the supply of peak power during periods of high demand, a role for which they are particularly well suited.

The Commission was compelled to recognize the rising trend in the cost of power by increasing interim rates to most municipal utilities, effective February 1, 1968. The increase averaged about six per cent. This advance was not automatically translated into higher rates to consumers. Many municipalities were able to absorb the increase out of operating surpluses; for others which were obliged to pass on the rise in the cost of wholesale power, it was the first increase in several years.

The sources of increased cost are not difficult to define. Interest rates on borrowed money are approximately double those prevailing 12 to 15 years ago. Prices for equipment and materials and property required for new stations and transmission networks are rising. Additional costs are being encountered in combating air pollution in the operation of our thermal stations. No effort or expense is being spared in the search for and development of effective methods of maintaining air quality and fulfilling our obligation as a good corporate citizen. Another major pressure on cost is the requirement to maintain an acceptable relativity in staff salaries and wages in the competitive market.

The Commission is mindful of its prime responsibility to provide power adequate to meet the needs of the province at the lowest reasonable cost. We propose to add from 800,000 to 1,000,000 kilowatts in 1968, for the most part by completing Lakeview Generating Station near Toronto. Some of our additional resources in 1968 and in subsequent years will come from hydro-electric developments, first on the Madawaska River and later on the Mississagi and Montreal Rivers, but thermal generation will supply the bulk of our needs. Our present commitments for new capacity include two 2,000,000-kilowatt conventional thermal-electric stations, one near Sarnia, and another at Nanticoke on Lake Erie near Port Dover, as well as the 2,160,000-kilowatt nuclear generating station at Pickering. By 1970 or 1971 more

than half of the Commission's resources will be thermal-electric. Additional sites are under consideration for development in the near future.

The provincial power grid continues to grow, extending the frontiers of economic development in the province. Good progress was made during 1967 on construction of the interconnection between the Commission's East and West Systems, a project that requires the building of 525 miles of transmission line, part of it through some of the most rugged terrain in Ontario. Scheduled for completion in 1970, this electrical link will permit a substantial interchange of power and energy between the two power systems. Engineering work is now under way on the extension of the West System by the addition of approximately 400 miles of line in two circuits between Atikokan and the Manitoba boundary. These facilities will permit the eastward transmission of power from Manitoba Hydro's Nelson River development in 1972. When both these projects are completed, Ontario Hydro's integrated grid system will extend more than 1,000 miles between the Manitoba boundary and the boundary of Quebec.

With the co-operation of the municipal electrical utilities and the assistance of allies in the electrical industry and trades, public interest was maintained at a high level in all aspects of electrical service. Electric heat, quick-recovery water heaters, high-quality illumination, new commercial and industrial applications, and most recently the electrical modernization plan, all offer challenges to the electrical industry as a whole to move forward with the times.

The Commission's revenues in 1967 totalled \$366.7 million, exceeding revenues in 1966 by 9 percent. By far the bulk of this increase was accounted for by expanded consumption. As an important segment of the provincial economy, Ontario Hydro has a strong influence on growth and development, extending far beyond its own sphere of operations.

I wish to thank my colleagues on the Commission and the members of the staff for their loyalty and co-operation throughout this memorable year. All of us wish to express to the members of the OMEA and AMEU and their staffs our sincere appreciation of their effort on behalf of our combined undertaking.

Respectfully submitted,

GEORGE E. GATHERCOLE
Chairman

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SIXTIETH ANNUAL REPORT
OF
**The Hydro-Electric Power Commission
of Ontario**

FOREWORD

THE Hydro-Electric Power Commission of Ontario is a corporate entity, a self-sustaining public enterprise endowed with broad powers with respect to electricity supply throughout the Province of Ontario. Its authority is derived from an Act of the Provincial Legislature passed in 1906 to give effect to recommendations of earlier advisory commissions that the water powers of Ontario should be conserved and developed for the benefit of the people of the Province. It now operates under The Power Commission Act (7-Edward VII, c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified from time to time (Revised Statutes of Ontario, 1960, c. 300, as amended). The Commission may have from three to six members, all of whom are appointed by the Lieutenant-Governor in Council. Two Commissioners may be members of the Executive Council of the Province of Ontario.

The Power Supply

Power is provided through the facilities of two operating systems, the East System and the West System, which, though not physically interconnected, are administered as a unit on behalf of the nearly 360 co-operating municipalities, and other Commission customers.

The East System comprises six regions — Western, Niagara, Central, Georgian Bay, Eastern, and Northeastern — while the West System comprises only the



PICKERING GENERATING STATION — Four stages in the construction of the reactor buildings are shown in this photograph, from initial foundation preparation in the centre foreground to the almost complete structure for Unit 1 at the top centre. Initial work for the construction of the vacuum building can be seen in the centre to the right of the reactors for Units 1 and 2. To the left of the reactor buildings, concreting for the main powerhouse buildings proceeded under protective coverings during the winter of 1967-68.

Northwestern Region. The dividing line between the two systems is roughly the boundary between the Thunder Bay District and the Districts of Algoma and Cochrane. The Commission maintains offices in seven suitably located cities for the purpose of providing local administration within the seven regions.

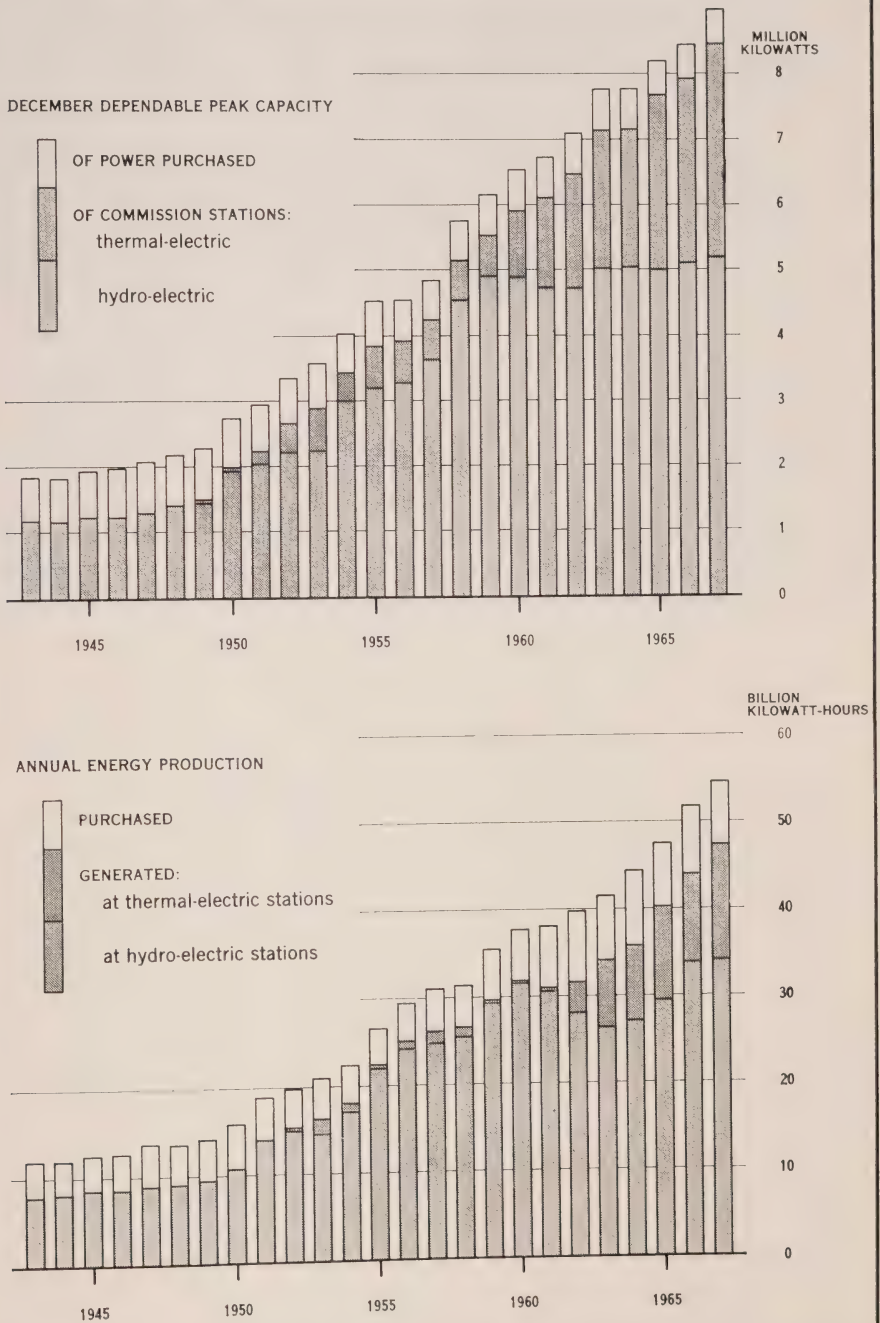
The Commission is primarily concerned with the provision of electric power by generation or purchase, and its delivery in bulk either for resale, chiefly by the associated municipal utilities, or for use by certain direct customers, for the most part industrial. This primary aspect of operations accounts for more than 90 per cent of the Commission's energy sales. The remaining sales are made to retail customers either in rural areas or in certain communities not served by municipal electrical utilities. Apart from this particular operation by the Commission, retail service throughout the province is generally provided by the associated municipal electrical utilities, which are owned and operated by local commissions functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act. Under this legislation, the Commission, in addition to supplying power, is required to exercise certain regulatory functions with respect to the municipal utilities served.

Financial Features

The basic principle governing the financial operations of the Commission and its associated municipal electrical utilities is that service is provided at cost. In the

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TOTAL POWER RESOURCES AND ENERGY PRODUCTION



Commission's operations, cost of service includes payment for power purchased, charges for operation, maintenance, and administration, and related fixed charges. The fixed charges represent interest, an allowance for depreciation, and a provision for debt retirement. The municipal utilities operating under cost contracts with the Commission are billed throughout the year at interim rates based on estimates of the cost of service. At the end of the year, when the actual cost of service is established, the necessary balancing adjustments are made in their accounts. Retail rates for the municipal utilities are established at levels calculated to produce revenue adequate to meet cost.

The enterprise from its inception has been self-sustaining. The Province, however, guarantees the payment of principal and interest on all bonds issued by the Commission and held by the public. In addition, the Province has materially assisted the development of agriculture by contributing under The Rural Hydro-Electric Distribution Act toward the capital cost of extending rural distribution facilities.

Annual Summary

Revenue from the sale of primary power and energy in 1967 amounted to \$366.7 million as compared with \$336.4 million in 1966. Revenue from the sale of secondary energy amounting to \$2.6 million was applied as an offset to the cost of primary power. The cost of primary power allocated to customers was \$371.1 million after making a provision of \$8.4 million to the reserve for stabilization of rates and contingencies. The corresponding cost and provision in 1966 were \$336.9

Statistical

	1958
Dependable peak capacity, December.....	thousand kw 5,761
Primary power requirements, December.....	thousand kw 5,139
Annual energy generated and purchased.....	million kwh 31,450
Primary.....	million kwh 28,382
Secondary.....	million kwh 3,068
Annual energy sold by the Commission.....	million kwh 28,599
Annual revenue of the Commission (net after refunds).....	million \$ 198
Fixed assets at cost.....	million \$ 2,108
Gross expenditure on fixed assets in year.....	million \$ 191
Total assets, less accumulated depreciation.....	million \$ 2,421
Long-term liabilities and notes payable.....	million \$ 1,692
Transmission line.....	circuit miles 17,499
Primary rural distribution line.....	circuit miles 46,438
Average number of employees in year.....	17,701
Number of associated municipal electrical utilities.....	354
Ultimate customers served by the Commission and municipal utilities.....	thousands 1,757

million and \$9.7 million. In each year the allocation of costs at these levels resulted in the transfer of amounts from the same reserve to offset the excess of retail and direct customers' cost over revenue, the amounts being \$4.3 million in 1967 and \$0.4 million in 1966.

Mountain Chute Generating Station on the Madawaska River was placed in service in November 1967 to become the first stage in the increased development of the Madawaska primarily for peak power. Extensions under way at Barrett Chute and Stewartville Generating Stations and improvements in control at Calabogie Generating Station will provide for the complete co-ordination of this additional power production.

Progress on construction generally was severely restricted as a result of the prolonged construction strike beginning on May 1. Approximately 1,000,000 kilowatts of new capacity were scheduled for installation during the Centennial Year. Had this been accomplished, it would have made 1967 a record year, but only about half this total was in fact installed. Work is proceeding at Lakeview, Lambton, and Pickering Generating Stations, as well as at the Madawaska River stations and at Aubrey Falls on the Mississagi River, and work will be under way at Nanticoke Generating Station in the spring of 1968. Every effort is being made to achieve the target of installing from 800,000 to 1,000,000 kilowatts of capacity in 1968.

Work is proceeding on all phases of construction for the 230-kv interconnection between the East and West Systems, which is scheduled for service progressively in three stages over the period 1968 to 1970.

Summary 1958-67

1959	1960	1961	1962	1963	1964	1965	1966	1967
6,155	6,526	6,734	7,088	7,756	7,776	8,199	8,464	8,995
5,556	5,746	5,949	6,293	6,797	7,210	7,818	8,565	8,964
35,465	37,709	38,212	39,885	41,471	44,399	47,528	51,753	54,615
31,546	32,717	33,861	35,783	37,644	40,632	43,584	48,056	51,357
3,919	4,992	4,351	4,102	3,827	3,767	3,944	3,697	3,258
32,073	34,317	34,807	36,684	38,466	41,115	44,213	47,944	50,725
213	229	236	249	270	289	311	336	367
2,248	2,361	2,462	2,567	2,665	2,762	2,894	3,125	3,361
154	132	124	114	108	110	150	211	252
2,548	2,660	2,780	2,702	2,753	2,824	2,987	3,190	3,443
1,786	1,844	1,918	1,938	1,959	1,999	2,106	2,237	2,400
17,713	17,831	17,971	18,120	18,642	18,826	19,050	19,342	19,492
47,351	47,896	48,068	48,562	48,993	49,173	49,435	49,863	50,316
15,866	15,179	15,097	14,920	14,387	14,531	14,996	15,361	16,651
354	354	354	355	355	357	360	358	355
1,830	1,881	1,939	1,991	2,042	2,096	2,142	2,188	2,246

GUIDE TO THE REPORT

Details of the Commission's activities which have been briefly summarized in the foregoing paragraphs are given in the six sections and four appendices of the Report which follow. Operations, finance, and customer relations are the subjects of the first three sections and their related appendices. The narrative in Section I dealing with the production, purchase, and delivery of power is supplemented in the text by reports of weather conditions, maintenance, communications, and forestry, all of which are related to operations. Supplementary tables are in Appendix I. Section II includes the Commission's Balance Sheet, Statement of Operations, and certain supporting statements of general interest. In Appendix II are other supporting schedules and accounts, including the statements of municipal sinking fund equities and of the allocation of the cost of primary power to municipalities. In Section III, consideration is given to various aspects of marketing and of service to the three main groups of the Commission's customers. Supplementary information on rural services is to be found in Appendix III. Another subsection of Section III, in the form of reports from the regions, deals with certain activities relative to service in municipal utilities. Many of these activities have involved participation by, or the assistance of, members of the Commission's staff.

Engineering, construction, and research activities are discussed in Sections IV and V. Section IV deals with the planning and construction of power facilities. It includes descriptions of the more important construction projects and statistics relative to these and other facilities for the generation, transformation, and delivery of power. Section V contains reports on the progress of some of the tests and investigations being conducted by members of the Commission's Research Division.

Section VI deals with aspects of employee relations, training, and staff administration.

A large part of the Report is devoted to aspects of retail service to ultimate customers, especially that provided by the municipal electrical utilities. The commentary on these activities and the statistical tables applicable to them are brought together in a supplement to the Report entitled *Municipal Electrical Service* beginning on page 141.

SECTION I

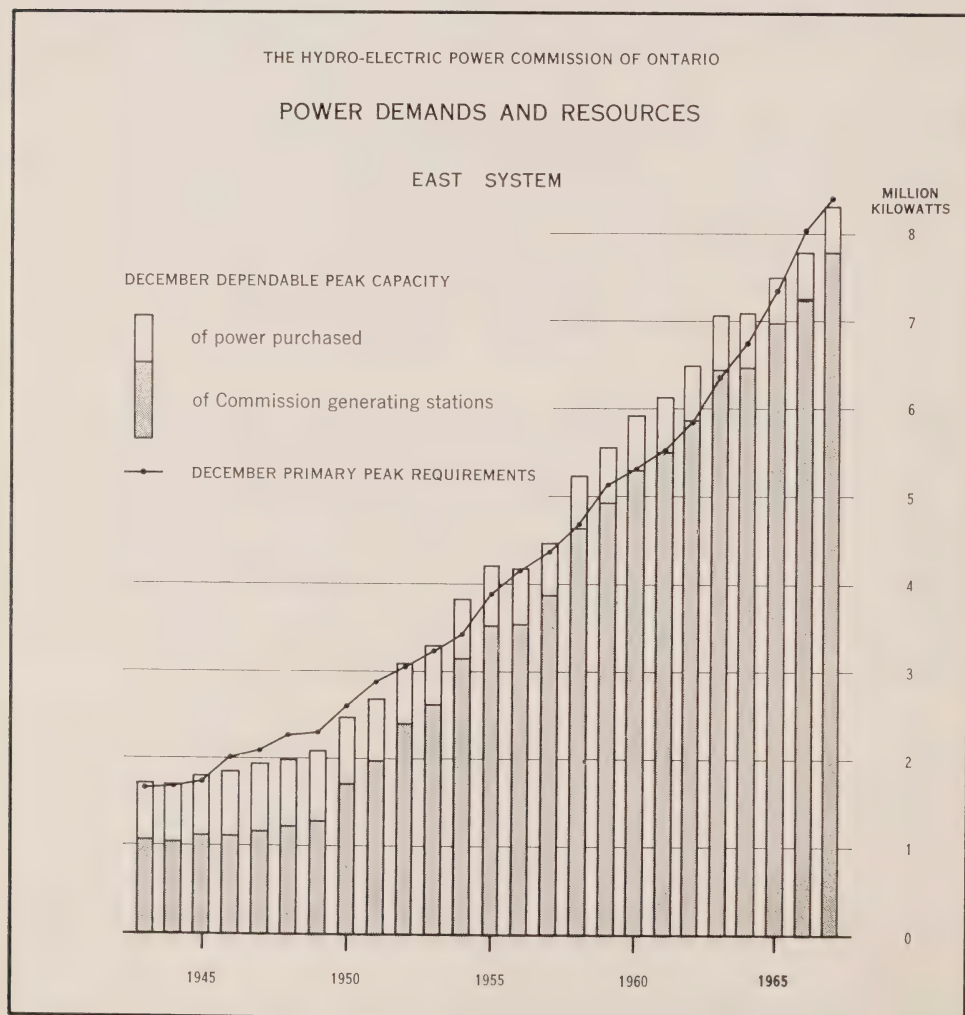
OPERATION OF THE SYSTEMS

P R I M A R Y energy requirements on the Commission's East and West Systems reached 51,356,969,171 kilowatt-hours in 1967, or 6.9 per cent more than the 48,055,991,449 kilowatt-hours required in 1966. This rate of increase, though almost equal to the long-term rate of growth, still fell somewhat short of the rates that had prevailed since 1963. The annual peak demands were recorded during December in both systems and their sum was 8,963,800 kilowatts, only 4.7 per cent higher than the comparable figure for 1966. In the East System, however, the peak demand occurred during unusually mild weather and would have been substantially higher under more normal weather conditions.

The dependable peak capacity of the resources for providing power to the Commission's systems was increased during 1967 by 531,650 kilowatts. The major contributing factor was the completion of commissioning for Unit 5 at Lakeview Generating Station, which had been placed in operation for the first time late in 1966. In addition, however, installation of two hydro-electric units at Mountain Chute Generating Station on the Madawaska River was completed, and a number of combustion-turbine units were installed at various locations. These additions were offset somewhat by the removal from service of the 67-year-old Hanover Generating Station on the Saugeen River, and by a net reduction which resulted from the recalculation of the dependable capacities of other resources. Units 13,

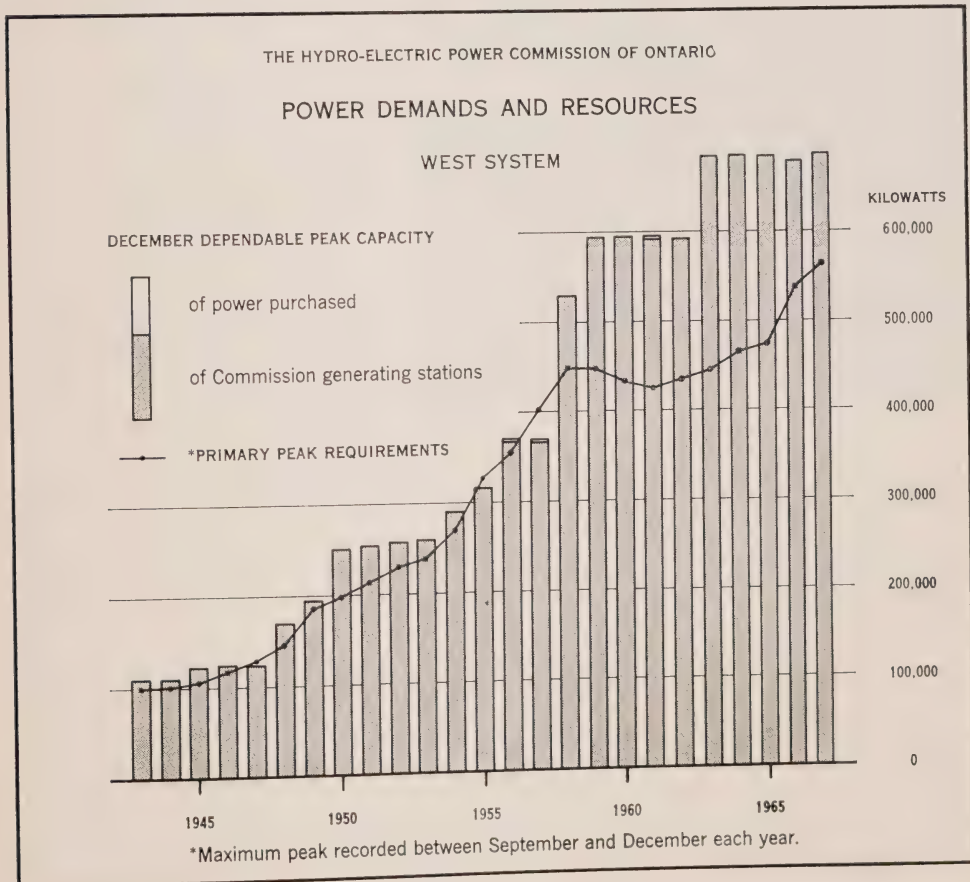
14, and 15 at the Ontario Power Generating Station on the Niagara River were removed from service as well as Units 1, 2, and 3 at DeCew Falls Generating Station, but these removals did not affect dependable capacity figures. The total dependable peak capacity generated and purchased in December 1967 was 8,995,300 kilowatts. Detailed statistics on power resources and requirements and on the provision and disposal of energy may be found in Appendix I, beginning on page 89.

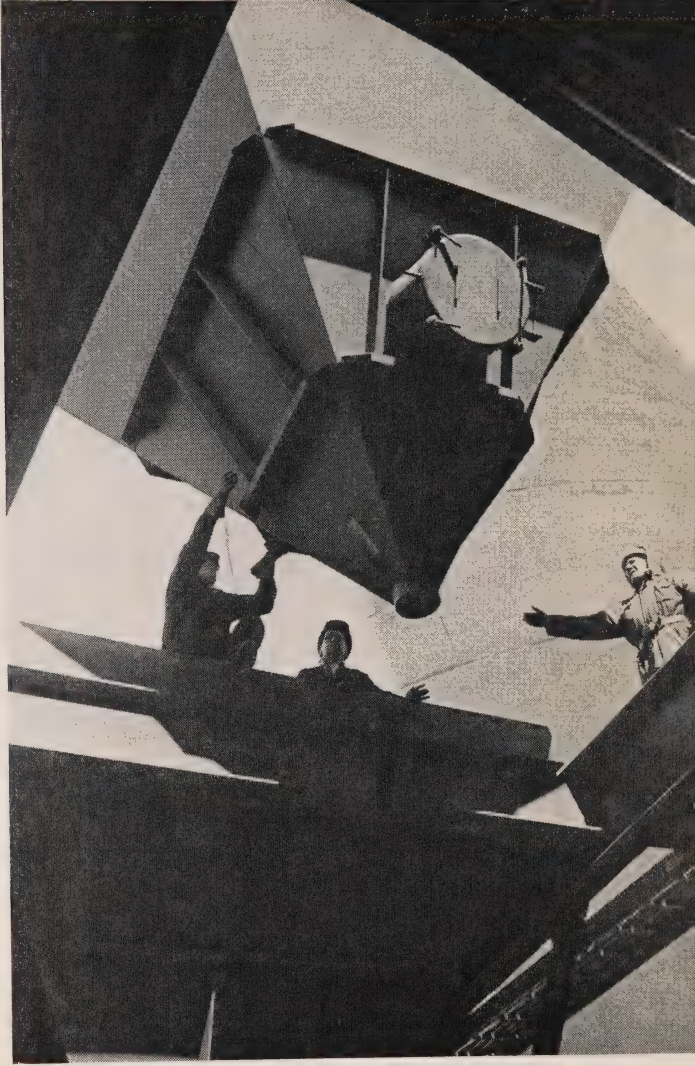
As a result of a long construction strike and other factors which delayed the installation and commissioning of equipment during 1967, the additional capacity placed in service at the Commission's generating stations fell short of that planned to be available at the end of the year. At times, particularly when forced outages of large units coincided with high demands, it was necessary to cut certain industrial loads as permitted under the terms of interruptible power contracts. Nevertheless,



because of high output from hydro-electric stations, generally good availability of units at thermal-electric stations, and the assistance provided as required by neighbouring systems, the Commission had relatively little difficulty in meeting annual peak demands. In fact even during the critical period, assistance was on occasions extended to neighbouring systems at times when they were faced with operating difficulties.

During the past fifteen years or so, Ontario Hydro and a number of power utilities in the United States have progressively added to and strengthened interconnecting tie-lines, thus availing themselves of significant benefits in economy and security of operation. At the beginning of 1967, the Commission's East System formed an integral part of a vast power grid which extended from Northern Ontario to the Gulf of Mexico and as far west as the Rocky Mountains in the United States. The total generating capacity of this network was about 200 million kilowatts. On February 7, a continental power grid extending from the Atlantic to the Pacific was formed when tie-lines were closed in Montana, Nebraska, South Dakota, Wyoming, and Colorado to connect this eastern power grid in parallel operation with a grid comprising power systems in the western states and British Columbia





LAKEVIEW GENERATING STATION

One of the fly-ash hoppers is shown being placed as part of the precipitator installations at this station. The hoppers collect the ash particles removed from the flue gases by the electrostatic precipitators, and each is capable of holding up to five tons of fly ash.

months and to fully load these stations for peaking purposes at other times of the year.

In the West System, the re-commissioning was completed of Thunder Bay Generating Station which had been maintained in a state of semi-readiness since 1963. The thermal-electric unit at this station was operated extensively to meet requirements on the West System, providing a total of approximately 93.5 million kilowatt-hours during 1967.

The Commission generated and purchased over 54,615 million kilowatt-hours of electrical energy in 1967, or 5.5 per cent more than in 1966. Hydro-electric output in 1967 exceeded that of 1966 by 1.6 per cent, primarily as a result of an improvement in flows on the Niagara and St. Lawrence Rivers. Thermal-electric output exceeded that of 1966 by the sizable margin of 25 per cent, and required the



SNOW-COVER MEASUREMENT

A snow sample in a tube is checked and recorded on a marked course in the valley of the Madawaska River. From such samples on about 60 courses in Ontario estimates of the average depth and water content of the snow on the various watersheds can be made. The use of this information in predicting the volume of spring run-off permits the regulation of storage basins so that the optimum usage of available water is obtained at hydro-electric generating stations.

consumption of 4,887,000 tons of coal in the boilers of the large steam units, and 2,828,500 gallons of oil in the combustion turbines. Purchases of energy declined from the 1966 level by 3.6 per cent, primarily because Hydro-Quebec was not able to make as much energy available in 1967.

As mentioned in Section IV, a number of combustion-turbine units installed at various stations in the East and West Systems are now serving well in their functions of providing reserve system capacity and serving as emergency standby units at the large generating stations. The usefulness of the combustion-turbine generators in the first function was demonstrated on December 11, 1967 when units installed on the East System carried 229,000 kilowatts of the system peak load. Their ability to serve in the second function was proven early in November when two of the four 7,500-kilowatt combustion-turbine units installed at Richard L. Hearn Generating Station in Toronto were used successfully in a simulated black start-up of one of the 200,000-kilowatt coal-fired units at the station. Isolated from station service power, the two combustion-turbine units were started with power from batteries, and were then used to supply the power necessary to start up the large unit.

Stream-Flow and Storage Conditions

Precipitation over the East System was generally above normal during 1967, and stream-flow and storage conditions were on the whole even more favourable than they had been in 1966. The total volume of usable water stored in inland reservoirs, about 27 per cent above normal in April, declined with extensive usage of water at hydro-electric stations, but was still 10 per cent above normal at the end of the year. The levels of Lake Erie and Lake Ontario rose into the above-normal range, and the annual mean flows of the Niagara and St. Lawrence Rivers were both higher than in 1966, and 5.3 per cent and 8.3 per cent respectively above the ten-year moving averages. Annual mean flows on the Abitibi River and on the Ottawa River at Chats Falls were respectively 39.5 per cent and 40.3 per cent above the moving averages.

Conditions in the West System were in sharp contrast. Lake levels declined steadily early in the year, and at the end of March, usable water in storage was 32 per cent below normal. During the spring months, most reservoirs were controlled so as to impound as much water as possible, but run-off was below normal freshet proportions, and at the end of June the volume of usable water in storage was still 8 per cent below normal. During the remainder of 1967, precipitation and run-off

were more often below than above normal, and by the end of the year, water in storage had declined to 19 per cent below normal.

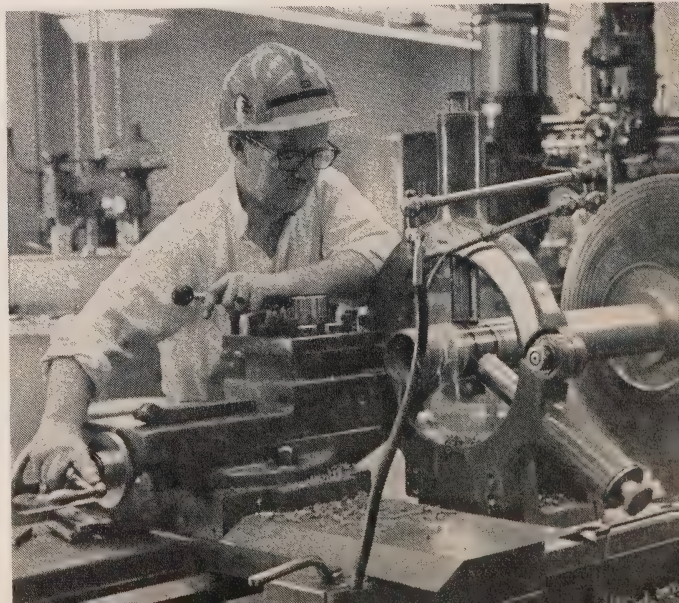
Because of a decline in hydro-electric output and an increase in demands, sales of secondary power in the West System were suspended on February 6, 1967. For the same reasons, Ontario Hydro's share of the energy generated by Manitoba Hydro with water diverted into Manitoba from Lake St. Joseph was brought into Ontario over the interconnecting tie-line for the first time on February 17. Water has been diverted from Lake St. Joseph via the Root River, Lac Seul, and the English and Winnipeg Rivers into Manitoba since 1958. On the English River, the diverted water permits additional energy to be generated at three Ontario Hydro stations, and farther down stream, on the Winnipeg River, it can be used to generate additional energy at Manitoba Hydro stations as well. Under the terms of an interprovincial agreement, Ontario Hydro is entitled to purchase, for return over the tie-line, half the energy which Manitoba Hydro generates by the use of the diverted water. Until 1967, however, this energy was sold in Manitoba, as it was not required in the West System.

In May and during the summer months of 1967, the Commission was able to purchase substantial amounts of surplus energy from Manitoba Hydro. With reduced requirements, therefore, for generation at West System hydro-electric stations, it was possible to maintain Lake Nipigon and Lac Seul at higher levels than would otherwise have been feasible. The additional perennial storage thus provided in these lakes is expected to be most valuable during the next few years.

Nuclear-Electric Stations

For some years the Commission and Atomic Energy of Canada Limited have been co-operating on a program for the development and operation of nuclear-electric stations in Ontario. These stations incorporate reactors of a type particularly suited to Canadian requirements, which uses natural uranium as a fuel and heavy water as a moderator and a heat-transport medium.

This machinist at Douglas Point, Canada's first large-scale nuclear-electric station, is playing an important part in the Commission's nuclear power program. Modifications of pumps and other equipment have been necessary, first to improve the reliability of the system which transports heat from the reactor to the boilers, and second to minimize losses of heavy water, which is used as the heat-transport medium. The station reached its rated output of 200,000 kilowatts early in 1968.



The first station completed under the program, the 20,000-kilowatt Nuclear Power Demonstration at Rolphton on the Ottawa River, has been in operation since 1962. As a small demonstration plant, the NPD station is used for training and development as well as for high-capacity operation. During the winter peak period beginning in December 1966, it was operated almost continuously at full load. In 1967, tests were carried out at the Nuclear Power Demonstration station to determine the appropriateness of component designs and materials selected for Pickering Generating Station, now under construction just east of Toronto. In addition modifications were introduced which permitted an increase in the net output of the station from 19,500 kilowatts to 22,500 kilowatts. These modifications were completed in time to permit the operation of the station at this level over the period of the annual peak. In 1968, the station will be shut down for several months while the heat-transport system, which now circulates heavy water maintained under pressure in the liquid state, is converted to operation with boiling heavy water. This mode of heat transport may have advantages over the pressurized heavy-water system which could result in lower capital and energy costs for future nuclear-electric stations.

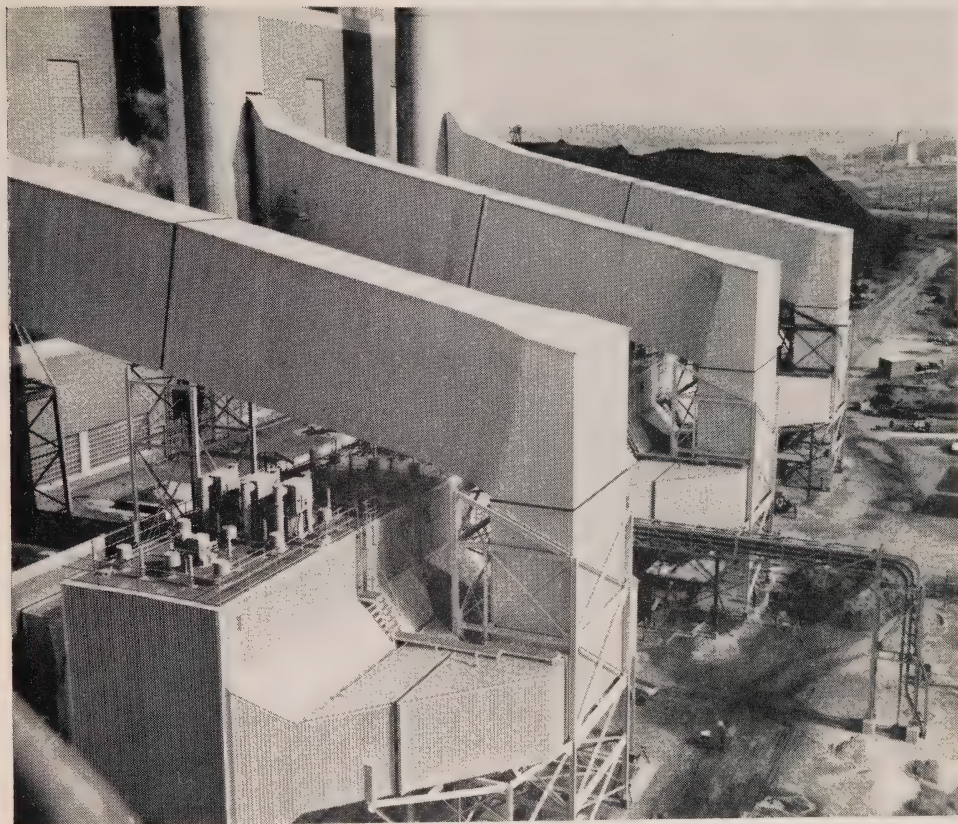
The Nuclear Training Centre was established at the Nuclear Power Demonstration several years ago. Formal training provided at the Centre and practical commissioning and operating experience provided at the Nuclear Power Demonstration and at Douglas Point Nuclear Power Station were given during 1967 to personnel from power utilities in Japan, India, and Pakistan, and from Hydro-Quebec, as well as from Ontario Hydro and AECL. In July, the number of trainees at the Centre reached a peak of 128. This included 71 employees from Ontario Hydro, and 57 from other organizations.

At the 200,000-kilowatt Douglas Point Nuclear Power Station on the shore of Lake Huron, the reactor went critical late in 1966 and the unit generated electricity for the first time on January 7, 1967. The station was then in service intermittently while undergoing commissioning tests until July, when it was shut down because of difficulties in the heat-transport system. By December 15, necessary modifications had been completed, permitting the station to be operated at about 75 per cent of its rated capacity. The unit operated almost continuously during the winter period of heavy demands and produced its full rated output of 200,000 kilowatts for the first time early in the new year.

By arrangement with AECL, Ontario Hydro operates Douglas Point and purchases the power generated. Eventually it will purchase the station itself at a price that will permit the energy output to be competitive with that from a modern coal-fired station. Douglas Point serves as a prototype for the much larger nuclear-electric station now being built by the Commission, and for similar projects now under development or consideration in other countries and in other parts of Canada, as well as in Ontario. As more of these stations are built in Canada, they will benefit the economy by reducing requirements for imports of coal.

Protection, Control, and Communications

Switching facilities were overhauled at many 230-kv and 115-kv stations during 1967, and were replaced where necessary to meet the increased requirements of



RICHARD L. HEARN GENERATING STATION — These large electrostatic precipitators at the Richard L. Hearn Generating Station are tangible evidence of the Commission's policy to maintain the highest standards of air-pollution control. Recent modifications of the precipitators at this station are designed to ensure the removal of 99.5 per cent of the fly ash from the flue gases.

load transfer and system short circuits. On the 230-kv circuits, breakers rated at 25,000,000-kva interrupting capacity were installed.

In co-operation with other utilities in the Northeastern Power Co-ordinating Council, the Commission has been seeking to devise higher standards of relay protection in order to avoid any recurrence of conditions such as those which led to the widespread power interruption of November 9, 1965. New duplicate high-speed facilities which incorporate carefully selected modern components will provide reliable clearance of system faults and yet be less susceptible to the changes in power flow that result from system disturbances. Improved protection against breaker failure has been devised to prevent switching failures from initiating the development of system instability. The provision of the highly reliable communications system needed to operate in conjunction with these new facilities is under study.

Frequency trend relays recently developed by the Commission are being installed at approximately 70 locations on the East System. These relays will aid in

maintaining optimum system security by determining at the onset of a system disturbance whether power frequency is likely to fall below a critical level, and then taking appropriate action.

As the power grid of which the Commission's East System forms a part increases in size, deviations from standard frequency during normal operation become smaller, but the change in generation required in response to frequency deviation becomes greater. Greater accuracy in measuring frequency is, therefore, necessary. For this reason, equipment consisting essentially of a high-precision frequency-standard and frequency-deviation transducer has been installed at the System Control Centre in western Metropolitan Toronto. The standard is accurate to within one part in a million.

The System Control Centre has also been provided with remote position-indicators and annunciators for the 230-kv circuit-breakers at Lakeview Generating Station. This is the first step in a program to provide at the Centre indications of the state of all 500-kv and 230-kv circuit-breakers on the system — information that will be of great assistance to the system operators.

By the end of 1967, about three hundred digital demand recorders had been installed on services to the operating areas and to certain large customers served directly by the Commission. These meters record kilowatt-hour consumption and a time signal on magnetic tapes, which are processed by computer to provide for power-costing purposes the maximum fifteen-minute demand for each of these loads and the maximum coincident demand for all.

MAINTENANCE OF THE SYSTEMS

Mechanical Maintenance

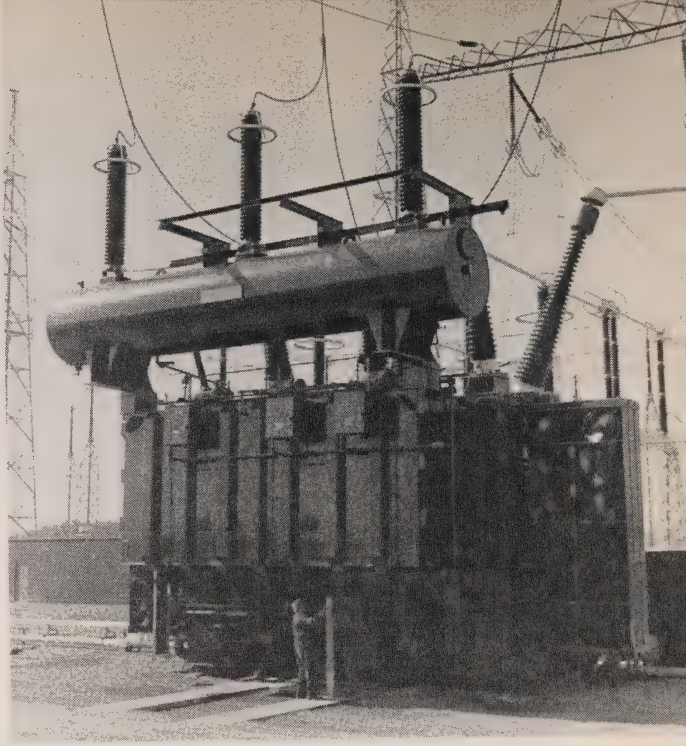
Some difficulties have been encountered in the commissioning and initial operation of the 27 combustion-turbine generators now installed. These difficulties have perhaps been mainly a result of the fact that this application of the gas-turbine engine is relatively new, and that the adverse winter operating conditions to which the machines are subjected in Ontario have not been fully allowed for in their design. Some of the units were at first subject to heavy vibration, requiring extensive re-alignment and re-balancing, and in some instances the return of components to the manufacturer's plant for reworking. Ice drawn into the first stage of one of the four units installed at A. W. Manby Transformer Station caused damage to the blading. In order to overcome this problem, snow baffles, heaters, and drains were installed in the main air inlet ducts of these machines, and the inlet trash screens were moved to a position downstream of the intake silencers.

By the end of 1967, modifications necessary to correct observed deficiencies in the combustion-turbine units were largely complete, and all except five of the 27 units had been accepted as dependable for commercial operation.

At Harmon and Kipling Generating Stations on the Mattagami River, modifications were made to the electro-hydraulic governors after various speed-sensing

EXTRA-HIGH-VOLTAGE TRANSFORMER

Two 360,000 - kva, 500 — 230 - kv, three-phase autotransformers of this type were installed in 1967 at Kleinburg Transformer Station just north of Metropolitan Toronto. Together with two similar transformers installed in 1966 at Hanmer Transformer Station near Sudbury, they now permit the entire 435-mile extra-high-voltage line from the Moose River generating complex to be operated at its designed voltage and transmission capability.



components had been tested in the field and at the manufacturer's plant. The modifications, which involved the rebuilding of the speed-signal generators in order to reduce drive-coupling backlash, resulted in improvement in the operation of these governors. Electro-hydraulic governors were installed for the first time in 1960 at Red Rock Falls Generating Station on the Mississagi River and have since then been installed at three of the Commission's more recently completed hydro-electric stations.

A program for the installation of automatic turbine-lubrication equipment was initiated in 1966 in order to reduce maintenance costs. These systems were installed during 1967 on the units at Abitibi Canyon, Aguasabon, and Otto Holden Generating Stations.

Late in 1967 the Commission completed the construction of a new main dam for the 24,200-kilowatt Kakabeka Falls Generating Station at Port Arthur. The station was built by the Kaministiquia Power Company about 60 years ago and was purchased by the Commission in 1949. The main dam, which has been in poor condition for some years, has required extensive annual maintenance work. The new dam is a short distance down stream from the original structure.

In order to provide a continuing source of fitter-mechanics with sound training in the practice and theory of work at hydro-electric stations, the Commission has instituted a new fitter-mechanic-hydraulic apprenticeship course. The four-year course, which combines one month of formal classroom instruction per year with a program of home study and practical work in the field, was approved by the Ontario Department of Labour early in 1967. Ten new apprentices, approximately the Commission's annual requirement, were hired in June at the end of the school year.



Two linemen working from aerial buckets on an insulated boom are shown using bare-hand methods in the re-tensioning of a live 230-kv transmission line. The surplus conductor forming the loop in the picture will be cut and the conductor will be rejoined with a compression joint.

Electrical Maintenance

There are indications that some high-voltage bushings are deteriorating at a rate more rapid than that expected. In 1966, a field-testing program was initiated to determine in which types of bushing this tendency is more pronounced, and to establish an order of priority for replacement. To facilitate and expedite this work, the necessary test equipment has now been installed in a vehicle specially assigned to the program.

Inspections of the 360,000-kva, 500—230-kv, three-phase autotransformers at Kleinburg and Hanmer Transformer Stations have revealed deficiencies in the insulation of the tap-changers. There was evidence of some deterioration that may have occurred during processing in the factory. Various elements of the tap-changers were replaced as necessary by the manufacturer.

During 1967, work was carried out as planned at the Sir Adam Beck-Niagara Generating Stations for the replacement of the deteriorated stator windings on one of the 80,500-kva units, and the complete field-winding assembly on one of the much older 54,000-kva units. Additional stator windings were purchased in anticipation of any future failures of three major units, one at Sir Adam Beck No. 1, one at Sir Adam Beck No. 2, and one at Pine Portage Generating Station.

A standard design has now been developed for control buildings at unattended 230-kv transformer stations. Approximately half of the 230-kv stations now being built will be operated by supervisory control from another station.

A new 230-kv air-blast circuit-breaker of a modified design delivered in advance of a quantity order was subjected to thorough maintenance inspection after specified cycles of operation over a one-year period, including operation at low temperatures. This procedure is a regular and reasonable method of dealing in advance with the problems normally associated with the introduction of equipment of a new design, and thus reducing incidence of difficulties that might otherwise arise after the equipment has been placed in service.

In August 1967, a pole-fire occurred in a temporary installation in the 500-kv switchyard at Hanmer Transformer Station, near Sudbury. It was subsequently established that the fire was caused by currents electrostatically induced in the pole. An extensive investigation has been carried out to determine the currents and voltages that may be induced in personnel and materials in extra-high-voltage switchyards. The data obtained are being analysed so that maintenance practices in ehv switchyards can be modified as necessary in order to eliminate any possibility of hazards to personnel and equipment.

A mobile training van, previously used for switchgear training, has been refitted with transformer and tap-changer equipment. The van is being used at locations throughout Ontario as an aid in improving the knowledge of tradesmen in the principles, applications, and maintenance of this kind of equipment. During 1967, thirty-three new apprentices were enrolled in the power maintenance electrician training program. This brought to 106 the number of apprentices receiving training in various stages of this four-year program.

Line Maintenance

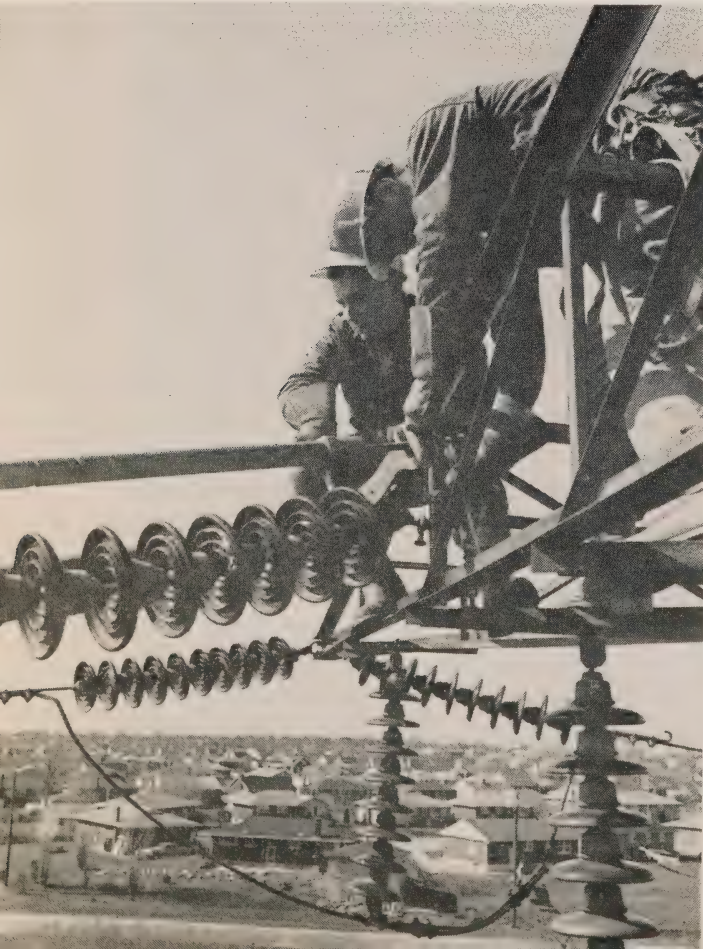
Although most of Ontario Hydro's older transmission lines were designed for operation at a maximum conductor temperature of 120° F, new lines are now being designed and old lines are being uprated for operation at loads which may at times result in temperatures of up to 300° F. Experience during recent years has indicated that conductors can be operated intermittently at the higher temperatures without risk of loss in physical strength through annealing. This experience was recently corroborated in a design procedure which determines conductor size for a required transmission capability by computer-analysis of records of weather and load conditions. Since operation at the higher temperature permits higher current ratings for a given size of conductor, there are resulting substantial savings in capital costs.

A considerable amount of work must be done, however, before lines now in service can be rated for operation at the higher loads. Conductors must be re-sagged at higher tensions in order to ensure the continued maintenance of adequate ground clearances at the higher temperatures, and much of the original ferrous line hardware must be replaced by hardware of non-ferrous materials, better suited for use at the higher currents.

Some time ago it was decided to up-rate part of the single-circuit, 230-kv line from Chenaux Generating Station to Cherrywood Switching Station so that the 148-mile section east of Mountain Chute Generating Station could be used to carry peaking power from this new station on the Madawaska River, as well as from Chenaux Generating Station on the Ottawa River. This project, which made the

construction of a new transmission line to incorporate Mountain Chute Generating Station unnecessary, was begun in August 1967 and completed early in 1968. To permit the work to be carried out without interrupting the operation of Chenaux Generating Station, new techniques were developed and applied in what is believed to be the first re-tensioning of a live transmission line on this continent. Linemen first used live-line tools to remove the vibration dampers and suspension clamps, to install travellers, and to place the conductors in the traveller sheaves. When this had been completed along a sufficient length of line, the linemen then worked from an aerial bucket on an insulated boom, using bare-hand techniques to suspend a hydraulic winch from each of the three conductors in turn. The winch was then used to pull in conductor over the sheaves, sometimes along as much as 22 miles of line at once, until the required tension was reached. The surplus conductor was then cut out and the conductor ends were rejoined with a compression joint. The work was completed by the installation of the new non-ferrous vibration dampers and suspension clamps.

The use of the new re-tensioning techniques, by avoiding the losses which would have occurred with the line out of service, resulted in savings estimated at about \$200 an hour. Similar techniques are planned for work to be undertaken during the next two years on about 300 miles of other transmission lines in the East System.



LIVE-LINE MAINTENANCE TRAINING

Two members of the Commission's linemen-training program practise changing an insulator on a live transmission line as part of their training. In the spring of 1967, they were among the first to complete a course which had been introduced in 1963 and subsequently extended over the intervening years to meet the shortage of skilled tradesmen.

The 1966 Annual Report mentioned the acquisition of equipment and the development of methods for bare-hand work in live-line maintenance on 500-kv transmission lines. Three line crews have been trained in these techniques and are now carrying out a program of inspection and preventive maintenance to ensure the security of operation of the 435-mile ehv line.

A system of forced water cooling has been installed on two 115-kv underground cable circuits in Metropolitan Toronto in order to ensure that the circuits will operate at their rated capability, and to provide for overloads. To provide more even dissipation of heat along the cable circuits, the pumping system at Teraulay Transformer Station, which normally maintains static oil in the cables at the proper pressure for insulating requirements, has been modified so that the oil can be circulated through the cables at a rate of about six gallons per minute. This will allay the adverse effects on transmission capability of "hot spots"—places where the soil around the cables differs from the backfill usually used and has inadequate heat-transmission qualities.

The Commission's system includes a large number of submarine cable circuits for river crossings and supply to customers on islands. On some of these circuits, sacrificial anodes have been installed to inhibit corrosion of the cable armour. A study carried out during the summer of 1967 indicates that these anodes are effectively reducing corrosion and thus lessening maintenance and replacement costs.

A four-year training and development program for linemen, which was initiated in 1963 and now involves over 200 trainees, produced its first graduates in 1967. The program includes a course of formal instruction, recently transferred from a school at Niagara Falls to the Commission's new conference and development centre near Orangeville. This is combined with controlled work experience in order to provide linemen with the changing skills and knowledge required for efficient line-work. Refresher courses made necessary by advances in technology and changes in work practices are also provided at the Centre for journeymen and foremen.

Following the acquisition of two helicopters in 1967, the Commission now has a fleet of 12 of these versatile aircraft of varying ages and capabilities.

In their primary function of line patrol, Commission helicopters were used during 1967 in the inspection of approximately 127,000 circuit miles of transmission lines. They also contributed significantly to line maintenance work, particularly in ground-wire re-stringing and conductor re-sagging operations, carrying men and materials from one transmission structure to the next with considerable savings in time and effort. Several helicopters also were used in survey and construction work for the East System-West System tie-line and other transmission projects in northern Ontario.

Forestry

Forestry work carried out during 1967 along approximately 19,000 miles of transmission and distribution lines involved the pruning or removal of a total of

934,000 trees in order to maintain adequate clearances for conductors and safety from falling trees and branches.

A tree wound dressing containing a plant hormone which acts as a growth retardant was applied experimentally on the cut surfaces where terminal growth had been pruned from the branches of several species of young trees. During the next two growing seasons, the rates of auxiliary shoot growth from these treated surfaces will be compared with that from control surfaces where the retardant was not used. Use of the retardant is expected to lessen the amount of wood requiring removal at each pruning, but not to lengthen the duration of the pruning cycle. The effectiveness of the retardant when applied during the winter months will also be studied.

Two mobile motorized mixing tanks for the preparation of thickened herbicide solutions were designed, built, and put into use. The mixing units are used in preparing spray solution for application by helicopter to control brush along rights of way. They have improved the efficiency of the operation.

In a continuing reforestation program, 67,500 trees were planted during the year, mainly in the Eastern Region.

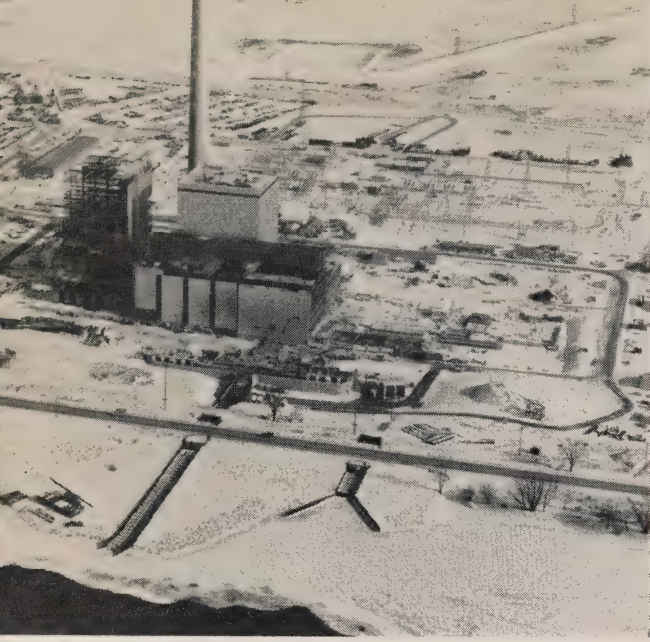
SECTION II

FINANCE

THE Balance Sheet and the Statement of Operations are included in this section of the Report, together with the statements of the Allocation of the Cost of Primary Power, Equities Accumulated through Debt Retirement Charges, Reserve for Stabilization of Rates and Contingencies, and Source and Application of Funds. Supporting statements and schedules are in Appendix II, which includes a detailed statement of the allocation of the cost of primary power to municipalities. This statement itemizes for each municipality its share of the total cost of power, the amount billed under its interim rate, and the resulting refund or additional charge.

The statement of assets held for the pension and insurance fund is set out separately in the Staff Relations section on page 88.

The customers of the Commission are subdivided into three main groups. The group designated as Municipalities comprises the municipal electrical utilities served with power at cost for resale to their customers. The second group is the Direct Customers, which are for the most part industrial companies with loads over 5,000 kilowatts, served directly by the Commission. The third group, Retail Customers, comprises all other customers served directly by the Commission, whether



LAMBTON GENERATING STATION—
The design and fabrication of equipment proceeded satisfactorily during the year. Though seriously affected by the construction strike, work also continued on the installation of major items of equipment.

located in rural areas or in certain towns, townships, and villages where the Commission owns and operates the distribution facilities, including those former Direct Customers having loads of under 5,000 kilowatts.

Financial Position

Fixed assets less accumulated depreciation increased by \$190.5 million during 1967, and at December 31 amounted to \$2,821.5 million.

Expenditures on fixed assets during the year amounted to \$252.1 million, which includes outlays of \$121.2 million on thermal-electric generating facilities, \$33.7 million on hydro-electric generating facilities, \$56.9 million on transformer stations and transmission lines, and \$22.3 million on retail distribution facilities.

The major outlays on thermal-electric generating stations were expenditures of \$61.7 million on Lambton Generating Station, \$27.2 million on Lakeview Generating Station, \$19.3 million representing the Commission's share of expenditures on Pickering nuclear generating station, and \$6.4 million on combustion turbines. The major outlays on hydro-electric generating facilities were \$8.9 million on Aubrey Falls Generating Station on the Mississagi River, \$7.6 million on Barrett Chute Generating Station on the Madawaska River, and \$6.3 million on Mountain Chute Generating Station also on the Madawaska River.

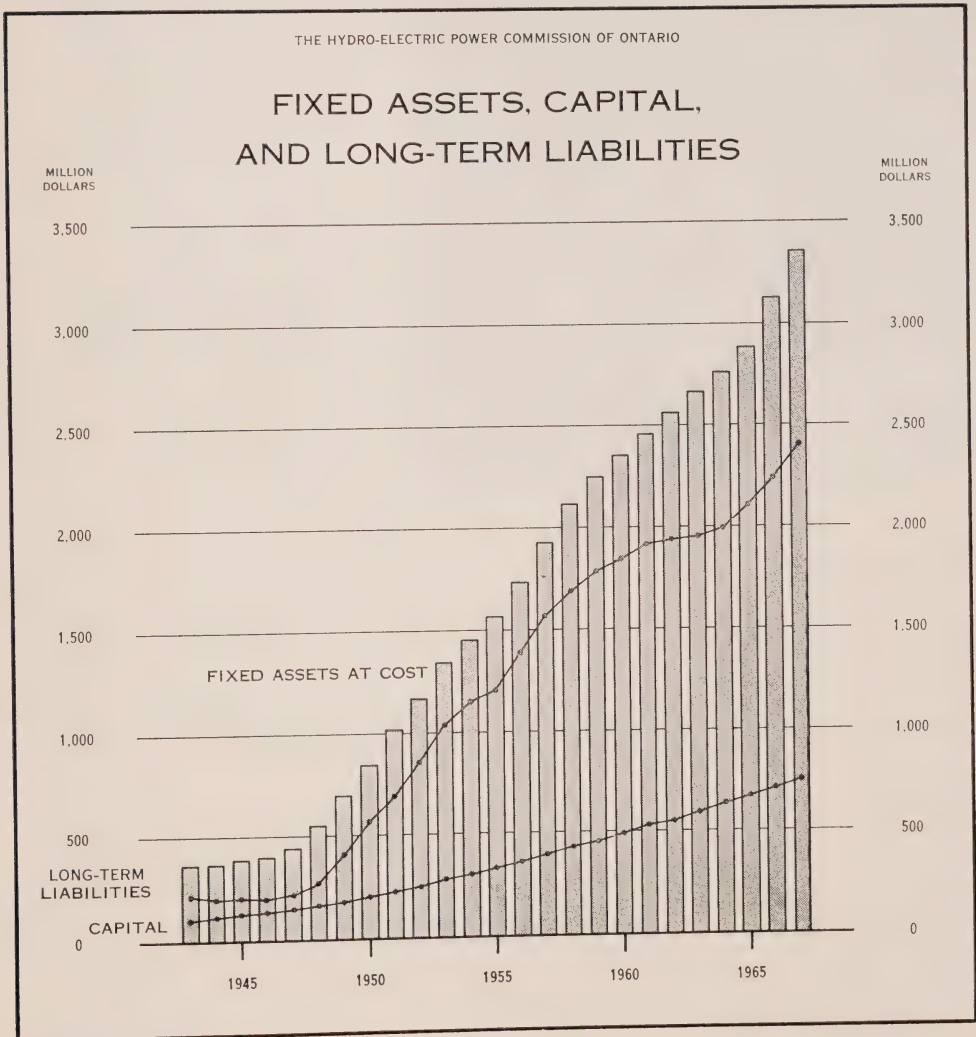
The Commission's long-term liabilities and notes payable amounted to \$2,399.8 million at December 31, 1967. The net increase of \$162.7 million during the year represents \$133.5 million in bonds and advances, and \$29.2 million in notes. During 1967, the Commission issued bonds amounting to \$200 million in Canadian funds and \$109.6 million in U.S. funds.

The balance in the Reserve for Stabilization of Rates and Contingencies amounted to \$167.5 million at the end of 1967, up \$13.7 million from the balance

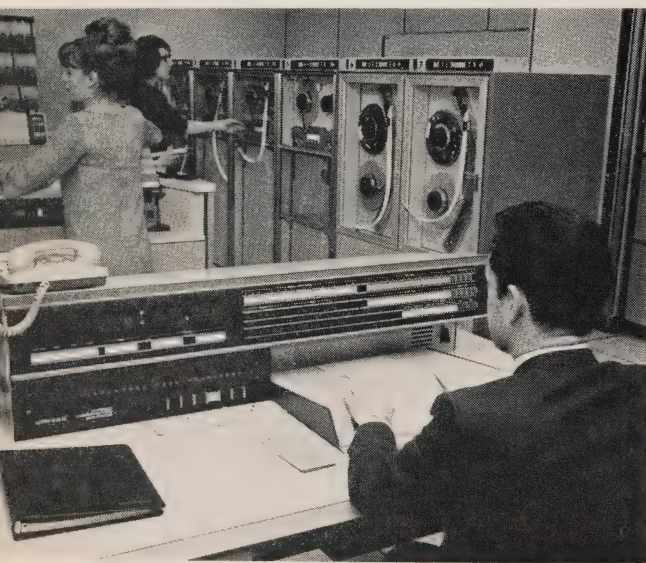
at the end of 1966. The reserve is used to moderate the effects on cost brought about by variations in stream flow, loads varying from the levels forecast, major physical damage to plant and equipment or their premature retirement, fluctuations in exchange on debt payable in United States funds, and other contingencies arising from operations. The reserve is not used to offset normal increases in costs.

Revenues and Costs

Revenues in 1967 were 9.0 per cent greater than in 1966, rising by \$30.3 million to \$366.7 million. While there was some upward adjustment in rates, the larger revenues were primarily attributable to growth in the demands for power. By comparison with results in 1966, revenue from municipalities was up by \$19.4 million or 9.7 per cent, revenue from retail customers by \$5.7 million or 6.9 per cent, and revenue from direct customers by \$5.2 million or 9.6 per cent.



Costs before the reserve provision rose from \$327.2 million in 1966 to \$362.6 million in 1967. Operating, maintenance, and administrative expenses increased by \$12.0 million. With the prevailing favourable stream-flow conditions a high level of production was maintained at hydro-electric generating stations. Customer requirements nevertheless showed sufficient growth to require substantially higher consumption of coal at thermal-electric generating stations, where fuel costs exceeded corresponding costs in 1966 by \$9.7 million. As a reflection of the continued growth of fixed assets in service, the provision for depreciation was \$4.7 million more than in 1966. Interest expense was higher by \$7.6 million as a result of new borrowings and higher interest rates. Payments to municipalities for taxes on lands and buildings amounted to approximately \$7.0 million in 1967, showing an increase of nearly a million dollars over corresponding payments in 1966.



COMPUTER SERVICES — A team of computer services staff direct the flow of engineering computations through one of the two third-generation computers introduced for use by the Commission in 1967. Control is maintained at the console in the foreground. Punched cards of the program, and data-storage tapes as required, are mounted by other members of the group.

Computer Installations

Two of the most up-to-date third-generation data-processing systems were rented in 1967, one mainly for use in commercial applications, and the other to be used primarily for engineering work. The two systems together will eventually take over and provide all those data-processing services which have been supplied in the past either by the Commission's earlier-model computers or by outside data-processing centres.

The introduction of the more advanced computers will permit the processing of commercial data to be speeded up and enlarged, and facilitate the expansion of engineering and scientific applications. Considerable extension of training activity was required not only for data-processing staff in learning to work with the new equipment, but also for new users of the equipment, who are finding machine time more readily available and are becoming increasingly aware of the advantages of the new technology in solving their problems.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF OPERATIONS

for the Year Ended December 31, 1967

(with comparative figures for 1966)

	1967	1966
	\$	\$
REVENUES		
Municipalities.....	219,599,899	200,198,916
Retail customers.....	88,053,114	82,340,694
Direct customers.....	59,063,324	53,897,175
	<u>366,716,337</u>	<u>336,436,785</u>
COSTS		
Operating, maintenance, and administrative expenses.....	119,485,928	107,467,781
Interest (Note 1).....	84,357,455	76,799,907
Depreciation.....	49,777,989	45,105,311
Debt retirement charge.....	40,290,428	39,330,128
Fuel used for electric generation.....	44,519,168	34,836,272
Amortization of frequency standardization cost (Note 2).....	14,374,239	12,983,391
Power purchased.....	12,412,070	13,283,479
Sales of secondary energy.....	<u>2,593,333</u>	<u>2,583,820</u>
Total before reserve provision.....	362,623,944	327,222,449
Provision for stabilization of rates and contingencies.....	<u>8,428,804</u>	<u>9,658,125</u>
	371,052,748	336,880,574
Excess of retail and direct customers' costs over revenues—transferred from the reserve for stabilization of rates and contingencies.....	<u>4,336,411</u>	<u>443,789</u>
	<u>366,716,337</u>	<u>336,436,785</u>

See accompanying notes on page 34.

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT

(with comparative

ASSETS

	1967	1966
	\$	\$
FIXED ASSETS (Note 3)		
Plant in service at cost.	3,036,694,503	2,888,212,530
Less accumulated depreciation.	539,666,041	494,461,316
	2,497,028,462	2,393,751,214
Plant under construction at cost.	324,509,258	237,247,643
	2,821,537,720	2,630,998,857
CURRENT ASSETS		
Cash and short-term investments (Note 4).	152,977,676	73,204,880
Accounts receivable.	59,264,861	56,186,798
Coal at cost.	39,890,496	37,060,200
Materials and supplies at cost.	22,981,466	15,981,643
	275,114,499	182,433,521
DEFERRED CHARGES AND OTHER ASSETS		
Frequency standardization cost less amounts written off.	109,672,724	119,657,901
Discount and expense on bonds and notes payable less amounts written off.	22,866,965	21,517,246
Long-term accounts receivable.	6,707,936	6,054,768
Other assets.	11,449,763	9,431,021
	150,697,388	156,660,936
INVESTMENTS (Note 5)		
Investments held for		
Reserve for stabilization of rates and contingencies.	136,525,025	148,927,387
Debt retirement fund.	55,470,850	67,338,190
Employer's liability insurance fund.	4,003,936	3,242,139
	195,999,811	219,507,716
	3,443,349,418	3,189,601,030

AUDITORS' REPORT

We have examined the balance sheet of The Hydro-Electric Power Commission of Ontario as at December 31, 1967 and the statements of operations and source and application of funds for the year then ended. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion these financial statements present fairly the financial position of the Commission as at December 31, 1967 and the results of its operations and the source and application of its funds for the year then ended.

Toronto, Canada,
March 29, 1968

CLARKSON, GORDON & CO.
Chartered Accountants.

COMMISSION OF ONTARIO

DECEMBER 31, 1967.

figures for 1966)

LIABILITIES, AND CAPITAL AND RESERVE

	1967	1966
	\$	\$
LONG-TERM LIABILITIES		
Bonds payable		
In Canadian funds.....	1,725,869,800	1,705,442,400
In United States funds (\$523,369,000 U.S.).....	537,751,033	423,228,640
Advances from the Province of Ontario in 1967.....	4,330,961	5,734,446
Total, including \$93,307,193 maturing in 1968.....	2,267,951,794	2,134,405,486
NOTES PAYABLE		
Notes payable maturing within three years, of which \$130,900,000 are due in 1968.....	131,800,000	102,600,000
	2,399,751,794	2,237,005,486
CURRENT LIABILITIES		
Accrued interest.....	37,451,841	33,069,294
Accounts payable and accrued charges.....	75,920,554	44,344,854
	113,372,395	77,414,148
DEFERRED LIABILITIES		
Customers' deposits.....	5,228,241	5,528,419
Employer's liability insurance fund.....	4,211,281	3,838,988
	9,439,522	9,367,407
CAPITAL AND RESERVE		
Contributed capital		
Equities accumulated through debt retirement charges.....	633,055,265	592,764,837
Province of Ontario, assistance for rural construction (Note 6)	120,223,511	119,192,807
	753,278,776	711,957,644
Reserve for stabilization of rates and contingencies.....	167,506,931	153,856,345
	920,785,707	865,813,989
	3,443,349,418	3,189,601,030

See accompanying notes on page 34.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES
for the Year Ended December 31, 1967

	MUNICIPALITIES	POWER DISTRICT	TOTAL
	\$	\$	\$
Balances at December 31, 1966.....	431,199,615	161,565,222	592,764,837
Add:			
Debt retirement charge to operations.	25,495,439	14,794,989	40,290,428
Equities transferred through annexations.....	97,909	97,909	.....
Balances at December 31, 1967.....	456,792,963	176,262,302	633,055,265

RESERVE FOR STABILIZATION
for the Year Ended

	HELD FOR THE BENEFIT OF ALL CUSTOMERS
	\$
Balances at December 31, 1966.....	135,732,439
Add:	
Interest for the year at rates approximating the earnings on investments held for the reserve.....	6,983,002
Provision charged to operations.....	8,428,804
Net profit on redemption of bonds payable and sale of investments.....	1,685,019
	152,829,264
Deduct:	
Excess of retail and direct customers' costs over revenues.....	.....
Grant to Ontario Municipal Electric Association.....	.....

Balances at December 31, 1967.....	152,829,264

OF RATES AND CONTINGENCIES

December 31, 1967

HELD FOR THE BENEFIT OF CERTAIN GROUPS OF CUSTOMERS				TOTAL
Municipalities	Power District			
	All Direct Customers	Direct Customers Former Northern Ontario Properties	Retail Customers	
\$ 1,101,603	\$ 5,512,667	\$ 6,347,846	\$ 5,161,790	\$ 153,856,345
54,528	283,861	326,883	265,796	7,914,070
				8,428,804
				1,685,019
1,156,131	5,796,528	6,674,729	5,427,586	171,884,238
	2,531,062		1,805,349	4,336,411
40,896				40,896
40,896	2,531,062		1,805,349	4,377,307
1,115,235	3,265,466	6,674,729	3,622,237	167,506,931

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
STATEMENT OF THE ALLOCATION OF THE COST OF
PRIMARY POWER

for the Year Ended December 31, 1967

	MUNICIPALITIES	POWER DISTRICT		TOTAL
		Retail Customers (Note 7)	Direct Customers	
	\$	\$	\$	\$
COST OF PRIMARY POWER				
Cost, excluding items shown below	202,606,784	87,234,082	59,064,834	348,905,700
Frequency standardization assessment (Note 2)	11,585,612	1,347,237	785,395	13,718,244
Cost of return on equity	15,119,565	4,500,002	4,091,026	23,710,593
Return on equity	15,443,340	4,369,625	3,897,628	23,710,593
Total, before reserve provision	213,868,621	88,711,696	60,043,627	362,623,944
Provision for stabilization of rates and contingencies	5,731,278	1,146,767	1,550,759	8,428,804
Cost of primary power allocated to customers	219,599,899	89,858,463	61,594,386	371,052,748
AMOUNTS BILLED FOR PRIMARY POWER	218,703,377	88,053,114	59,063,324	365,819,815
EXCESS OF COSTS OVER AMOUNTS BILLED				
Charged to Municipalities	896,522	.....	.....	896,522
Transferred from the reserve for stabilization of rates and contingencies . . . . .	.....	1,805,349	2,531,062	4,336,411

See accompanying notes on page 34.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF SOURCE AND APPLICATION OF FUNDS

for the Year Ended December 31, 1967

(with comparative figures for 1966)

	1967	1966
	\$	\$
Source of Funds		
Operations		
Depreciation		
Charged directly to operations.....	49,777,989	45,105,311
Charged to various overhead accounts.....	6,921,133	5,611,908
Debt retirement charge.....	40,290,428	39,330,128
Frequency standardization amortization of cost, less interest on the account.....	9,985,177	8,210,899
Interest added to reserve for stabilization of rates and contingencies.....	7,914,070	6,871,196
Provision for stabilization of rates and contingencies	8,428,804	9,658,125
Excess of retail and direct customers' costs over revenues.....	4,336,411	443,789
Other items.....	2,451,462	3,070,308
	<u>121,432,652</u>	<u>117,414,086</u>
Proceeds from issues of bonds and notes less retirements.....	160,896,888	128,266,086
Net increase in amounts held in cash and investments..	<u>56,531,632</u>	<u>26,326,569</u>
	<u>104,365,256</u>	<u>101,939,517</u>
Increases in accounts and interest payable.....	35,958,247	15,001,026
	<u>261,756,155</u>	<u>234,354,629</u>
Application of Funds		
Expenditures on fixed assets, less proceeds from sales, etc.....	246,207,281	205,776,789
Increases in accounts receivable.....	3,731,231	11,252,838
Increases in coal, materials, and supplies.....	9,830,119	17,007,112
Other items—net.....	1,987,524	317,890
	<u>261,756,155</u>	<u>234,354,629</u>

NOTES TO FINANCIAL STATEMENTS

1. Interest cost includes interest on long-term liabilities, notes payable, and the reserve for stabilization of rates and contingencies, less interest capitalized and interest earned on investments.
2. The 1967 amortization of frequency standardization cost comprises:

An assessment of \$3.00 per kilowatt of costing load to all 60-cycle customers in the standardized area of the former Southern Ontario System. \$13,718,244

An amount equal to the net revenue on the export of 60-cycle secondary energy from the former Southern Ontario System. 655,995

Total amortization as shown in the Statement of Operations. \$14,374,239
3. The construction of units 1 and 2 of Pickering nuclear generating station is a joint undertaking with about 40% of the cost being financed by the Commission, 33% by Atomic Energy of Canada Limited, and 27% by the Province of Ontario with ownership being vested in the Commission. Contributions by Atomic Energy of Canada Limited and the Province of Ontario to December 31, 1967, have been deducted in arriving at the cost of plant under construction. If, as and when the value of power and energy provided by Pickering Units 1 and 2 exceeds the operating, maintenance and fuel costs incurred, this excess will be shared by the three contributors in proportion to their contributions. The basis for determining the value of power and energy will be the fixed charges plus operating, maintenance, and fuel costs at the Commission's coal-fired Lambton Generating Station.
4. On December 31, 1967, cash amounted to \$3,364,635; short-term investments, which are included at amortized cost (approximately market value), consisted of interest-bearing deposits in banks and trust companies, \$112,350,063, government and government-guaranteed bonds, \$19,802,978, bank discount notes, \$12,500,000 and corporate obligations, \$4,960,000.
5. On December 31, 1967, investments, which are included at amortized cost, consisted of government and government-guaranteed bonds, \$195,005,624, and corporation bonds, \$994,187. At this date the market value of these investments was \$176,763,000.
6. The Province of Ontario contributed \$1,030,704 during 1967 as assistance for rural construction.
7. The cost of primary power allocated to retail customers totalling \$89,858,463, includes retail distribution costs of \$43,264,329. The retail customers' cost of return on equity, and return on equity, both include \$1,474,742 which is the amount applicable to the retail distribution system.

SECTION III

MARKETING AND THE COMMISSION'S CUSTOMERS

AT the end of 1967, the Commission and the 355 associated municipal electrical utilities were engaged in serving a total of 2,245,715 customers. In addition to the 1,673,104 customers served by the municipal electrical utilities, this total includes the Commission's 87 direct industrial customers and its 572,516 retail customers, grouped as follows: 32,048 served in 28 communities where the Commission owns and operates the local distribution facilities, 540,374 served in rural areas, and 94 special customers having loads, for the most part, of under 5,000 kilowatts who, prior to 1966, would have been served under the direct industrial classification. The distribution of energy to these groups of customers is recorded in the table on pages 94 and 95. For other statistical purposes, the customers in the 28 communities served by the Commission-owned local distribution systems are regarded as in every way similar to the municipal electrical utility customers and they are included with them in the introductory comment on retail service in the Municipal Service Supplement beginning on page 141.

Load Building

The development of new and better applications of electric power in the home, in industrial processing, and on the farm provides continual improvement in the



CENTENNIAL YEAR LIGHTING

Feature lighting of monuments and public buildings was an appropriate demonstration of civic and national pride during Canada's Centennial Year. The interplay of light and shadow effectively accents architectural detail of the County of Waterloo courthouse in Kitchener.

standard of living. The Commission's marketing program was directed, as in the past, towards achieving the maximum economic use of labour-saving conveniences offered by the application of electric power.

Conditions in the construction industry arising in part from the high cost and limited availability of mortgage money caused a decline in housing completions in 1967. Electric heating, however, now available in a wide choice of house-heating systems continued to be selected for more than one in five newly constructed dwellings. The heating systems range from the use of unitary baseboard heaters to ceiling cable, from central warm-air or hot-water systems to the use of the versatile heat-pump, which offers complete year-round climate control.

More than 7,000 new electric-heating installations were completed in single-family dwellings in the Province during 1967, and close to 2,000 conversions to electric heat were made from other heating systems in single-family dwellings, bringing the cumulative total of electrically heated residences to approximately 40,400 since January 1959. In addition there are more than 16,450 electrically heated apartment suites in the Province.

The Electrical Modernization Plan introduced during the year is now available directly through Ontario Hydro or through co-operating municipal utilities and other power suppliers to over 80 per cent of the residential customers in Ontario.

Loans of from \$100 to \$2,000 can be negotiated by customers who choose to bring their household or farm electrical facilities up to modern standards of convenience and safety and thereby to derive the maximum benefit from electrical appliances now on the market.

In order to meet the heavier demands of commercial and industrial customers for water heating, 60-gallon and 100-gallon water-heater units were made available on a rental or purchase basis. As a supplement to this competitive service for apartment houses, hotels, restaurants, industrial plants, and other institutional buildings, field tests have been arranged for a commercial heater which employs a special heat-storage medium. This heater requires less space than the conventional water heater, and shows a good possibility of lower installation and operating costs.



PARKSIDE COLLEGIATE INSTITUTE, ST. THOMAS

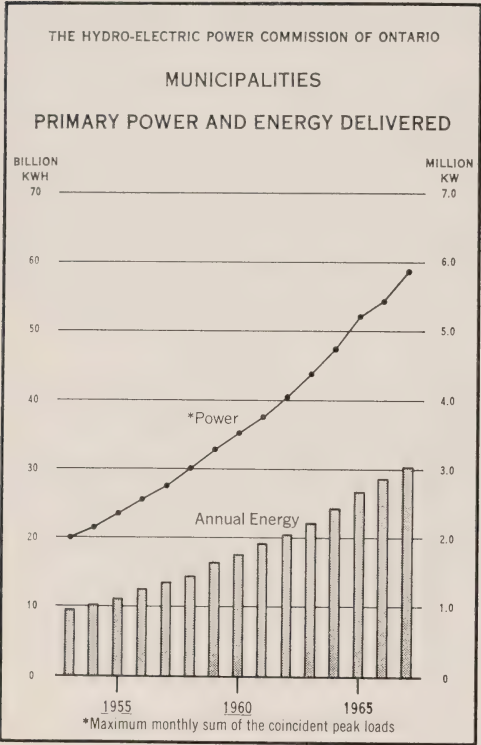
The primary source of heat in this large secondary school is the fluorescent luminaires which provide high-intensity glare-free lighting in the classrooms and other working areas. An air-conditioning system uses a heat pump to collect heat emitted by these luminaires, and by other sources, including the occupants of the building. By evenly distributing this heat during the winter and removing it during the summer, the system provides a comfortable environment in all parts of the building throughout the year. An auxiliary boiler is used to provide additional heat during very cold weather.

A number of large new high schools in the province are designed for year-round air conditioning. They will be based on a more compact rectangular plan which will permit heat gains both from the lights and from the occupants of interior rooms to be reclaimed for use in peripheral areas. Several heat-pump installations offering year-round climate control in schools were completed in 1967. The number will be considerably increased in the near future as a result of the favourable response to this form of heating.

MUNICIPALITIES

The number of cost-contract municipalities remains relatively constant from year to year. Any decline that may result from occasional amalgamations is for the most part offset by the creation of new utilities in other municipalities. The number of utilities serving the Metropolitan Toronto area was reduced from 12 to 6 following the establishment of the new Borough administration on January 1, 1967.

Fenelon Falls, Kenora, and Pembroke became cost - contract municipalities during the year to bring the total served at the end of 1967 to 355.



The cost of power supply to a municipal electrical utility is billed on an interim basis each month through a combination of two components, a demand charge and an energy charge, the latter at present being uniformly 2.75 mills per kilowatt-hour to all utilities. The demand component is calculated by ascertaining the maximum average load registered by the utility over any period of twenty consecutive minutes in the month, and applying to this maximum an interim rate per kilowatt established for that utility prior to the beginning of the year. The maximum for the month of December is given for each utility in Statement D, since this is the month in which the system annual peak normally occurs.

On the other hand, the average of the twelve monthly peaks is given in the Statement of the Allocation of the Cost of Primary Power, since these averages provide the basis for some of the allocation. When the actual cost of supplying power and energy has been established through this allocation at the end of the year, the necessary debit or credit billing adjustments are made to reconcile interim billings with cost.

The sum of the December peak loads of the municipal electrical utilities in 1967 was 5,856,957 kilowatts, which exceeded the corresponding 5,571,469 kilowatts in December 1966 by 5.1 per cent. A few of the municipal utilities supplement the delivery of power by the Commission by the operation of their own generating facilities, or by the purchase of power from other sources. For these utilities, the peak loads shown in Statement D include this supplementary power.

The energy delivered by the Commission to the municipal utilities in 1967 amounted in total to 30.5 billion kilowatt-hours as shown in the table on page 94. This exceeded the 28.6 billion kilowatt-hours delivered in 1966 by 6.6 per cent.

DIRECT CUSTOMERS

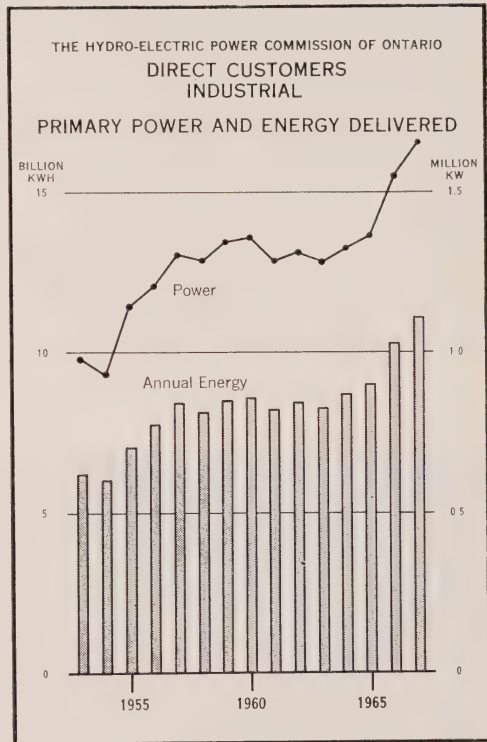
The number of direct industrial customers in 1967 was 87 as compared with 76 in 1966. Among these customers were two transferred from service by their local municipal utilities in order to avoid unfavourable effects on the rate structures of these utilities. The monthly sum of the primary peak loads of the direct customers of the Commission reached its annual maximum at 1,659,471 kilowatts in the month of May. This maximum was 108,334 kilowatts or 7.0 per cent larger than the corresponding maximum for December 1966. A table on page 95 records the disposition of energy, both primary and secondary, to these customers and to the 8 interconnected utility systems, which are not industrial users in the accepted sense.

Among the new loads served by the Commission in 1967 were several large mining and milling projects. Other industrial customers increased their power requirements. When a large iron mine in northwestern Ontario brought a new pelletizing plant into operation during the year, its power requirements were increased by approximately 200 per cent. The principal increases in industrial loads, however,

were by customers added in 1966 who did not begin major production activity until 1967. These included a large automotive plant in Talbotville, a TV tube manufacturer in Midland, the Ontario Water Resources Commission pumping station near Grand Bend, and a chemical plant in Fort William. An appliance production plant in Stoney Creek became a customer of the Commission in 1967.

Two major customers of the Commission, one at Copper Cliff and the other at Whitby, became the first to take power from the Commission's system at 230 kv.

An interconnected system in the Province was given considerable assistance throughout the adversities of a period of abnormally low water in 1967. Despite the narrow margin of reserve capacity on the Commission's system, the East System was able to provide a substantial increase in firm power to the customer and to supplement the energy available by delivering power additional to the firm commitments at other than peak hours of the working day.



RURAL ELECTRICAL SERVICE

At the end of 1967, the Commission was serving 540,374 rural customers, 14,830 more than at the end of 1966, after allowance for the transfer of 1,750 customers to service by municipal electrical utilities following annexation. All classes of service except farm service contributed to the increase. The number of farm-service customers has consistently declined in the past eight years, and the number served at the end of 1967, at 132,454, was lower than in any year since 1952. The decline is attributable to three main factors, the abandonment of unprofitable farms, the consolidation of small farm services into larger units, and the reclassification of former farm services to more appropriate classes of service.

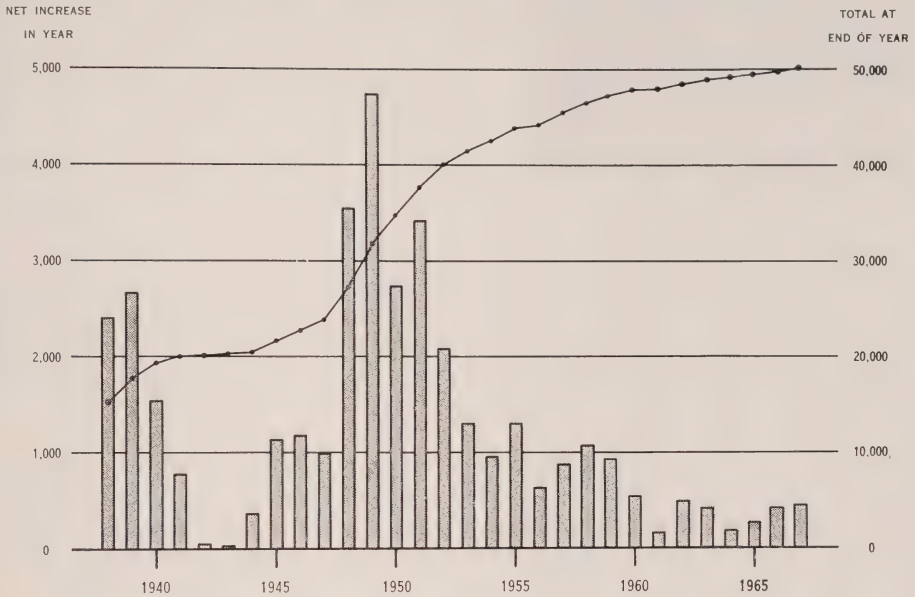
The decline in the number of farm service customers is not reflected in the revenue and energy consumption statistics, which consistently show increases for all classes of service, while the average cost per kilowatt-hour to the customer declined. With a view to encouraging the fullest use of electric heating and air conditioning by commercial and industrial customers in the rural areas, the minimum bill demand charge, applicable in months of low consumption, was reduced for year-round farm and general customers from \$1.00 per kilowatt to 25 cents per kilowatt, for demands in excess of 50 kilowatts. The larger minimum bill demand charge tended to restrict the customer's full use of his equipment.



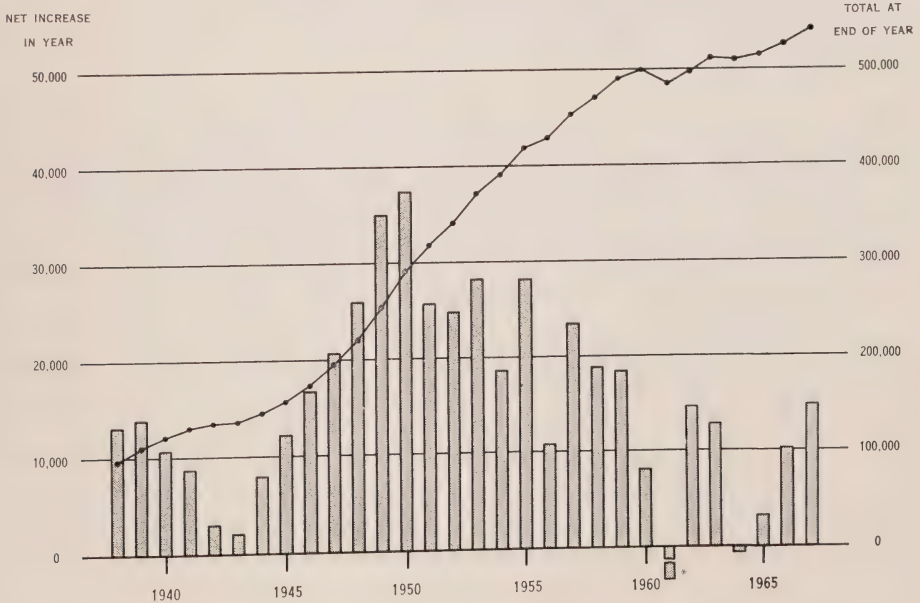
In a fully mechanized electrically controlled egg-handling operation, one man handles the egg production of 30,000 hens. The mechanical equipment in this one building and its adjacent feeding system requires 50 electric motors ranging in size from $7\frac{1}{2}$ horsepower down to $\frac{1}{3}$ horsepower. This is one of two similarly equipped buildings on the farm, and its energy consumption exceeds 90,000 kilowatt-hours per annum.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

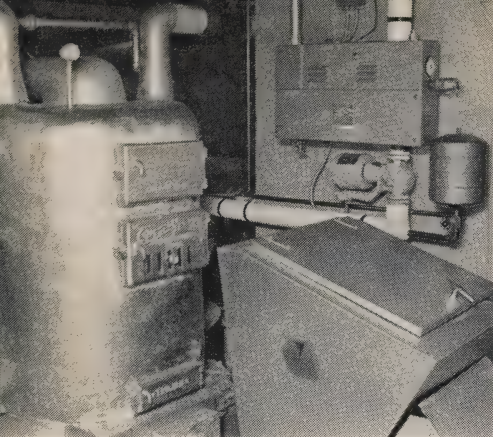
MILES OF RURAL PRIMARY LINE



NUMBER OF RURAL CUSTOMERS



*DECREASE — 14,542



THE OLD AND THE NEW IN RESIDENTIAL HEATING

The compact electric hydronic (hot water) heating service installed on the wall provides a striking contrast with the equipment it has replaced. The coal-fired furnace and fuel hopper provided a highly acceptable and efficient house-heating service by the standards of 30 years ago.

In response to a growing demand for Sentinel lights of a higher intensity than the 175-watt types originally produced, the rental program had been extended in 1966 to include 400-watt lights. Nearly 800 installations of these were made in 1967, while the installation of more than 2,400 175-watt lights brought the total of the latter to more than 9,850.

Effective January 1, 1967, residential seasonal customers in the rural areas were subdivided for rate purposes into two groups based on customer density, in the same manner as year-round residential customers in 1966. New rate schedules introduced at the same time will apply to these two groups, the rate for all consumption in excess of 1,500 kilowatt-hours per year being the same as the end rate applicable to the corresponding groups taking year-round service.

SERVICES TO CUSTOMERS

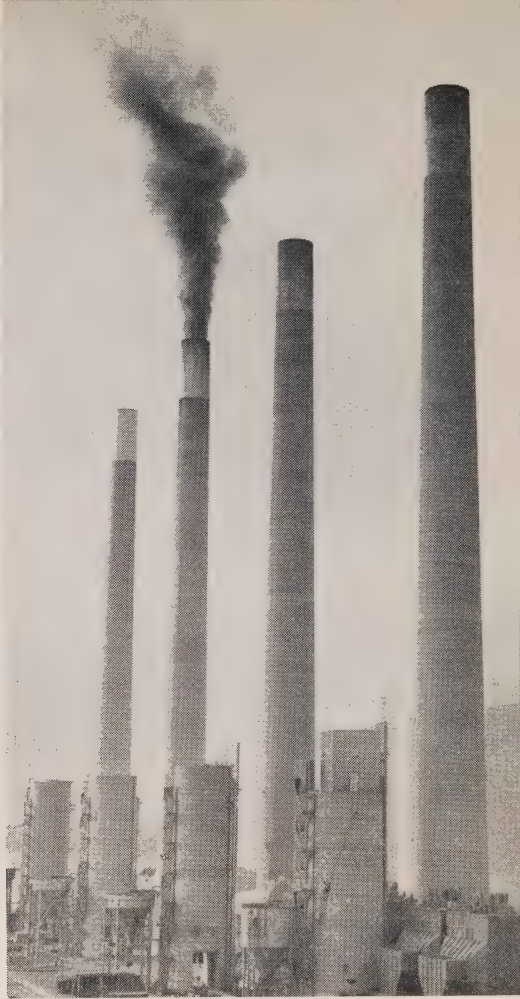
Electrical Inspection

The widespread demand for better electrical living has stimulated technical developments in the electrical industry and extended the use of electric power. Safety must be built into every aspect of this use and the Commission, under The Power Commission Act, has the responsibility to establish appropriate standards, and the authority through its inspectors to enforce observance of these standards.

Regulations issued under The Power Commission Act are published as the Ontario Electrical Code, which is an adaptation with only minor changes in detail of the Canadian Electrical Code used by inspection authorities throughout Canada. Revisions are, therefore, the subject of national code enquiry and detailed consideration by the Canadian Electrical Code Part I Committee, a national body which receives reports and recommendations from each of several provincial committees. The Ontario Provincial Committee, under the chairmanship of the Commission's Chief Electrical Inspector, is broadly representative of the electrical industry. Its proposed revisions are, therefore, not arbitrary.

Approval of electrical equipment is also the responsibility of the Commission. It may be obtained through the Commission's adoption of reports made by the Canadian Standards Association Testing Laboratories, or other recognized testing

LAKEVIEW GENERATING STATION — Of these four 490-foot stacks at Lakeview Generating Station, the first at the far left is not in service. The heavy plume rising from the second is a demonstration of the effect of completely shutting down the electrostatic precipitators, which would normally remove 99.5 per cent of the fly ash from the flue gases. On the third, the precipitators are operating at their maximum designed efficiency to practically eliminate the plume, and improvements now being installed on precipitators for the fourth stack will bring them up to the same high level of efficiency.



agencies, such as the Underwriters' Laboratories of Canada and the Canadian Gas Association. Equipment that is custom-built or of other than a regular line of manufacture must be inspected and approved by the Commission's Electrical Inspection Service. Although the support of CSA Testing Laboratories is further enlisted to help reduce the number of requests for the approval of equipment of other than a regularly manufactured line, approval may be granted only on behalf of the Commission's Electrical Approvals Service, and according to requirements specified by them. During the year 11,733 such inspections of unapproved electrical equipment were made. These included inspections made at 32 industrial and trade shows where equipment was displayed.

An analysis of field reports indicates that 34 fatalities and 152 fires that occurred in the province were attributed to electrical causes.

Revisions in the fees for the inspection of wiring and equipment in Ontario were adopted by the Commission for implementation on January 1, 1968. An increase of 25 per cent, required to meet the rising costs of operation, is the first revision since 1958 designed specifically to produce increased revenues.



LAMBTON GENERATING STATION — The 550-foot chimney for the first two units dominates the structural steel for the powerhouse. A second chimney for Units 3 and 4 will be built later. The chimney is illuminated by four Xenon searchlights, each with an output of 70 million candlepower to meet the requirements of the Department of Transport for reducing the hazard to passing aircraft.

REPORTS FROM THE REGIONS

Western Region

There was a fairly steady increase in industrial activity as new industries moved into the Region during 1967. Many of these are small businesses, but two are substantial undertakings. The first is the Talbotville plant of the Ford Motor Company of Canada, which will undoubtedly encourage the development of satellite corporations and services in the area. The other is the Ontario Development Corporation, which has purchased the former Armed Forces Base at Centralia with the purpose of using the large number of commercial buildings and the residential complex of nearly 400 units to create a new industrial community. Several industries are already on the site, and the housing is being occupied.

Marketing activity in the Region had notably good results, particularly in Essex County where a number of the municipal utilities have pooled their sales resources in a co-operative marketing group conveniently designated COMPEC for co-operative marketing promotion in Essex County. In the adjoining county to the east, the now completed Lambton-Kent Secondary School at Dresden has a heating and lighting load of approximately 1,000 kilowatts.

Capital expansion by the municipal electrical utilities was larger in 1967 than usual and included major rehabilitation of subtransmission and distribution facilities in London, Sarnia, Stratford, Windsor, and Woodstock, as well as similar work in a number of other municipalities. Municipal substations were built in Aylmer and Ridgeway.

Centennial projects contributed to the improvement of street lighting in many municipalities.

Niagara Region

In order to meet load growth in their respective municipalities, the electrical utilities in Beamsville, Brantford, Burlington, and Port Colborne built new substations. In a number of other utilities, customer-owned substations were installed, one being a 30,000/40,000-kva station in Hamilton to serve the furnace load of a steel-manufacturing plant. With the major expansion of educational facilities at the Universities of Guelph and Waterloo, each of the universities installed a main substation during the year.

In conjunction with the reconstruction of Brant Street in the business section of Burlington, the local utility undertook to place all electrical services underground and to install new high-intensity street lighting which provides street-level illumination of nine foot-candles.

The Acton Hydro-Electric Commission officially opened its new office and service building on June 3, and in Listowel the construction of an electrically heated and cooled civic centre was begun.

New Hamburg Public Utilities Commission reports that over 80 per cent of the new houses constructed in the municipality during 1967 were all-electric.

Central Region

Under the new borough system of civic administration introduced by an Act of the Provincial Legislature effective January 1, 1967, the 13 municipalities comprising Metropolitan Toronto were redistributed into six, the City of Toronto and five



DIKE AT NANTICOKE GENERATING STATION PROJECT

More than 75,000 tons of rock were placed in the 1,500-foot dike in preparation for reclaiming land for the construction of Nanticoke Generating Station on the shore of Lake Erie, near Port Dover.



HEAT BY LIGHT IN THE ETOBICOKE HYDRO OFFICE BUILDING

Supplementary heating in winter is not required in the new V. S. Wilson Administrative Building of the Etobicoke Hydro-Electric System until the outside temperature drops below the freezing point. Then an auxiliary electric boiler subject to thermostat control supplies the necessary added warmth. The building is centrally air-conditioned in summer by an air-circulating system capable of handling 38,000 cubic feet of air per minute. Conveniently adjacent to the Borough municipal offices, it forms an impressive part of Etobicoke's new municipal centre.

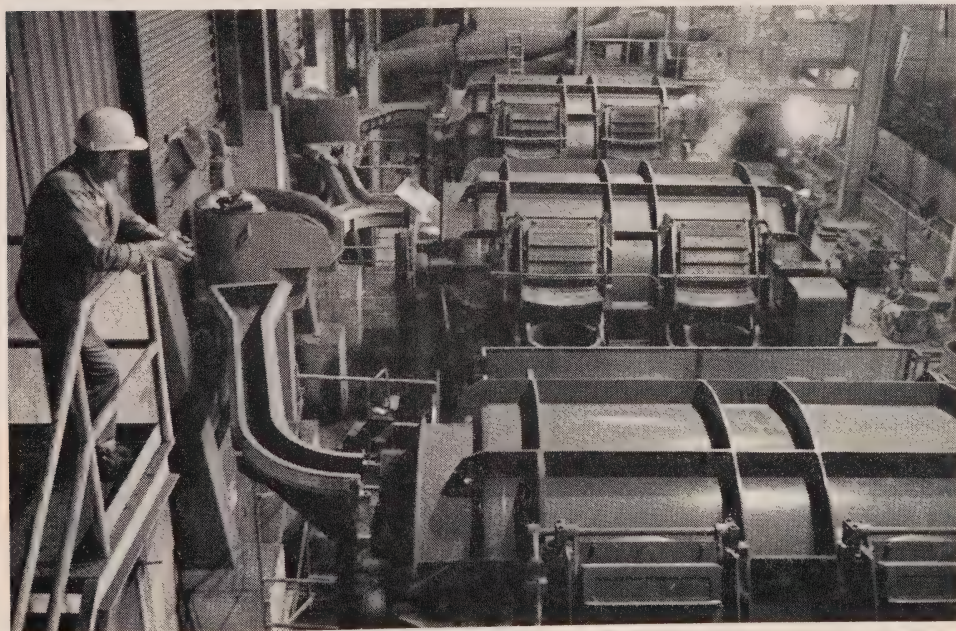
adjoining Boroughs — the Boroughs of York, Etobicoke, North York, East York, and Scarborough. Six electrical utilities assumed the responsibility of serving the six reconstituted municipalities under elected Hydro Commissions in Etobicoke, North York, and East York, an elected Public Utilities Commission in Scarborough, an appointed Hydro-Electric Commission in Toronto, and a Committee of the Borough Council in York. The former municipalities of Long Branch, Mimico, and New Toronto became part of the Borough of Etobicoke, the Borough of York absorbed the Town of Weston, the Town of Leaside became part of the Borough of East York, the Villages of Swansea and Forest Hill became part of the City of Toronto, and the various utility services were amalgamated accordingly. Negotiations were carried on with the purpose of ultimately transferring the distribution system in Leaside from the Toronto Hydro-Electric Commission to the East York Hydro-Electric Commission.

Between December 1966 and December 1967, the peak load of the Toronto Hydro-Electric System grew by 72,352 kilowatts or 9.6 per cent to reach 823,786 kilowatts. A little less than half this growth is accounted for by the loads of the amalgamated systems of Forest Hill and Swansea.

Service facilities were extended by the installation of approximately 26.3 miles of 15-kv underground cable for network primary supply, for the supply of 13.8-kv power to several large customers, and for the general improvement of the 13.8-kv distribution system. Approximately 114 miles of lower-voltage power and control cables were also installed underground, as well as 59 miles of duct, together with the associated access and transformer vault facilities. At the end of the year, the Toronto Hydro-Electric System owned approximately 2,505 miles of underground duct.

Following the evaluation of a number of experimental lighting installations for Bloor Street and Danforth Avenue, a recommendation to install high-pressure sodium luminaires was approved. The first installations between Spadina Avenue and Sherbourne Street will be completed in 1968.

In 1967 service was provided for the first time to a number of new large commercial loads including all-electric office buildings, one on St. Clair Avenue West and one on Yonge Street in the downtown area, three of the four major towers in the Government of Ontario Queen's Park Project, and the new 33-storey Simpson Tower office building. With their high lighting levels and air conditioning, the peak requirements of the last two projects are respectively 10,000 and 6,000 kilowatts. The St. Lawrence Hall, constructed in 1850, was completely restored as a municipal centennial project. It is now electrically heated and cooled.



ELECTRIC FURNACES FOR MELTING STEEL

The three electric furnaces shown are part of a total installation of five furnaces for melting scrap steel and storing it in a molten condition. The operating company is a power service customer of the Toronto Hydro-Electric System.



ELECTRICALLY HEATED APARTMENT BUILDINGS

The effect of re-development in the east central area of Toronto is impressively demonstrated by these completed buildings in the St. James Town "apartment city within a city". When the re-development project is complete, it will include 16 buildings where all-electric service, including the convenient cleanliness of electric heat, is provided to approximately 6,000 apartment units.

A major industrial customer in the city has eliminated a pollution problem of many years' standing by installing 11,000 kilowatts of connected load in five furnaces, two for melting scrap steel and three for its temporary storage in a molten condition. The installation of a peak-control device limiting the demand to 5,000 kilowatts will ensure the maximum in economy of operation.

On September 20, the Etobicoke Commission opened its new administration building, which was named in honour of Dr. V. S. Wilson, a member of the Etobicoke Commission for 30 consecutive years and a former chairman of the local utility commission and a Past President of the OMEA. The latest lighting techniques are used to enhance the appearance of the building, which is climate-controlled the year round by electric heat and air conditioning.

The St. James Town project in the City of Toronto was officially opened in mid-September. This apartment complex will ultimately include 6,000 units with individually controlled radiant heat supplied by electric cables in the ceilings. Electric heating will be used also in the shopping centre associated with the project, and electric ramp heating in the parking garage.

In the Township of Toronto, which on January 1, 1968 becomes the Town of Mississauga, new 13.8-kv substations were constructed by the local Commission. In conjunction with the further expansion of the 13.8-kv distribution systems in Scarborough and Oshawa, the Public Utilities Commissions in these municipalities also constructed 13.8-kv substations.

Vaughan Township, having already received the approval of the Ontario Municipal Board for the purchase of the distribution facilities within the municipality, takes over administration of the system under a cost contract with the Commission effective January 1, 1968.

The Aurora Hydro-Electric Commission constructed a modern all-electric office and administration building heated by an air-to-air electric heat pump supplemented by auxiliary in-duct heaters.

Georgian Bay Region

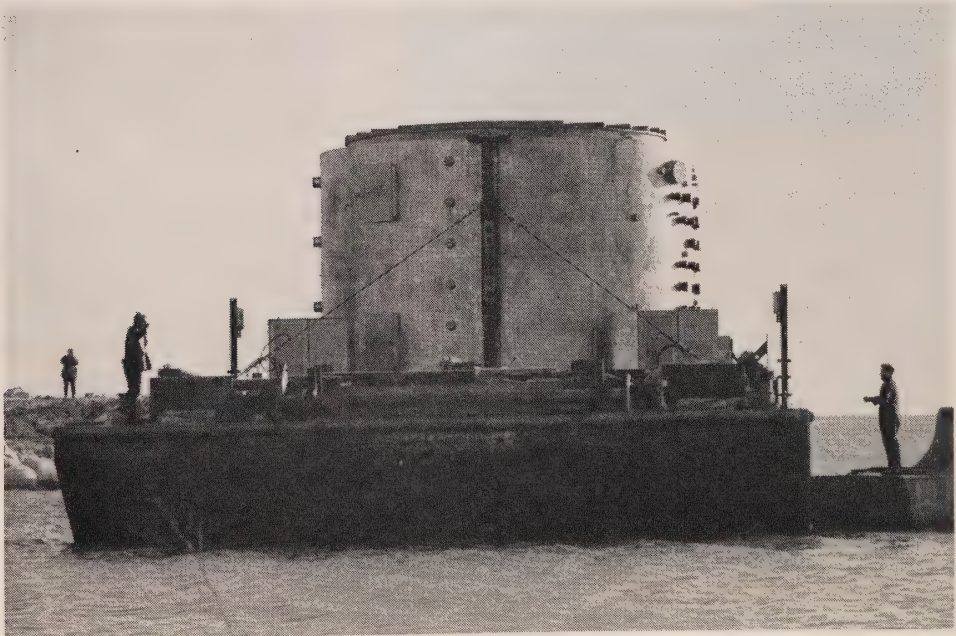
In September, the Village of Fenelon Falls became a cost-contract customer of the Commission.

Industrial expansion has required the installation of new substations in Orangeville, Owen Sound, and Wingham. In addition, customer-owned substations were installed in a number of other municipalities.

The annexation of an adjacent section of the Orillia Area involved the transfer of nearly 1,450 customers to service by the Orillia Water, Light, and Power Commission. In Barrie the new Eastview Collegiate Institute is a good example of a new type of school designed almost without windows and using a heat-reclaimer system based on lighting and the operation of refrigerant compressors, supplemented, when necessary, by 75-kilowatt side-arm heaters. Beaverton Hydro-Electric Commission has completed an electrically heated office and service building.

Eastern Region

On March 1, 1967, the Town of Pembroke completed the purchase of the facilities of the Pembroke Electric Light Company within the town limits. A municipal Hydro-Electric Commission was established to operate the distribution system,



CALANDRIA SHELL FOR PICKERING GENERATING STATION

In December 1967, the calandria shell for the second unit at Pickering Generating station was delivered by barge to the site. Manufactured in Montreal, the shell is 18 feet long, just over 26½ feet in diameter, and is fabricated from one-inch steel plate. Its shipping weight is about 60 tons.

which will continue to purchase up to 6,000 kilowatts from the Company. The remainder of the local utility's power requirements will be purchased from Ontario Hydro under a cost contract.

An electrically heated and air-conditioned office and warehouse building was completed by the Nepean Township Hydro-Electric Commission. The utility also purchased the 44-kv subtransmission lines within the municipality and plans to build all its own local 44-kv lines in the future.



Inside a mobile display coach, a member of the Commission's sales staff is discussing the characteristics of various types of electric-heating systems with a prospective customer. Seven of these coaches operate from head office and regional offices throughout Ontario. They form an important part of a program to encourage the use of electricity in its many residential applications.

In Kingston, a major capital construction program by the local Commission included the extension of the 44-kv and 4-kv systems within the municipality. The development of an underground distribution system was continued, and conversion to underground service in the commercial area is being carried out. In Peterborough also an extensive program of new 44-kv construction and rehabilitation of the distribution system was undertaken.

The Kemptville Hydro-Electric Commission renovated the office and warehouse facilities purchased during the year, and the building is now completely electrically heated. Alexandria Public Utilities Commission embarked on a major expansion program in 1967, making extensive additions to the distribution system and installing a new 5,000-kva, 44—4-kv substation.

Northeastern and Northwestern Regions

An order of the Ontario Municipal Board late in 1967 brought about the amalgamation of the Townships of West Ferris and Widdifield with the City of North Bay, effective January 1, 1968. With the amalgamation, the operation of the three

former electrical utilities will be administered by a five-member Hydro-Electric Commission, to be known as the North Bay Hydro-Electric Commission.

Major expansion in the nickel-mining industry has greatly increased demands in the Sudbury area for additional housing and associated services. The Sudbury Hydro-Electric Commission placed one new 5,000-kva substation in service in 1967, and has plans for three more of the same capacity during 1968. All-electric service was installed during the year in approximately 200 newly constructed dwelling units in Sudbury despite intense competition from other energy suppliers.

The Red Rock Hydro-Electric System completed the change of its distribution system voltage from 2.3-kv to 12-kv operation.

Following the completion of the new Kenora 115-kv Transformer Station, the Town of Kenora began to take power under a cost contract with the Commission commencing May 1, 1967.

SECTION IV

PLANNING, ENGINEERING, AND CONSTRUCTION

DURING the past decade, there has been an accelerating trend towards urban expansion and development. The movement of population from rural areas to towns has reflected the increased mechanization on farms, and the migration in turn from small towns to large centres of population has resulted in the concentration of dense electrical loads in large metropolitan areas, where industry, commerce, and the requirements of a highly complex society place heavy demands on the electrical-distribution facilities. It has become increasingly apparent that distribution systems operating at 4.16 kv are no longer either adequate or economic to meet conditions of this kind.

With the encouragement and support of several utilities in Metropolitan Toronto, three representatives from Ontario Hydro and one representative from each of the municipal utilities in the Boroughs of York and North York were designated as a task group to study the feasibility and economics of adopting distribution system voltages of 13.8 or 27.6 kv.

The Borough of York and the south central part of the Borough of North York were selected for the study, as representative of areas now undergoing redevelopment to a much higher concentration of loads. They were considered to display



CONSTRUCTION AT AUBREY FALLS

As part of the construction activity on the Aubrey Falls project on the Mississagi River, drilling was continued throughout the winter period.

conditions typical of those likely to be encountered in suburban metropolitan areas in the future. The assumption was made in the study that, in the redeveloped areas in the Boroughs of York and North York, overhead distribution facilities of acceptable modern design would be used to replace the present overhead facilities carried on wood poles. Underground cable feeders would be used only on commercial streets of highest load density. The task group noted that capital costs over the next twenty years, expressed in present values, could be reduced by from 18 to 25 per cent by the use of 27.6-kv, 4-wire distribution in the redeveloped areas. The savings would stem chiefly from the elimination of 27.6—13.8-kv substations, and the use of fewer circuits at the higher voltage.

A hypothetical new area with a load density higher than present levels was also included in the study. For this area, it was assumed that the supply station would be fairly centrally located, that distribution facilities within the residential areas would be underground, and that overhead lines of acceptable modern design would be used on the main through streets. This is representative of current practice in newly developed areas in and around Metropolitan Toronto. Under these conditions, because of the higher cost of the 27.6-kv underground distribution

**Summary of the Power Development Program
as at December 31, 1967**

<i>System and Development</i>	<i>Number of Units</i>				<i>Installed Capacity</i>
	<i>In Service</i>		<i>Scheduled</i>		
					kw
EAST SYSTEM					
Lakeview—on the western outskirts of Metropolitan Toronto.....	5 TC	1961–1966	3 TC	1968	2,400,000
Combustion-turbine Units—various sites.....	17 TCT	1967			162,780
Douglas Point Nuclear Power—north of Kincardine.....			1 TN	1967	200,000
Mountain Chute—Madawaska River.	2 H	1967			139,500
Lambton—south of Sarnia.....			4 TC	1969–1970	2,000,000
Barrett Chute (Extension)—Madawaska River.....			2 H	1968	111,600
Aubrey Falls—Mississagi River.....			2 H	1969	130,150
Stewartville (Extension)—Madawaska River.....			2 H	1969	91,800
Pickering—east of Toronto.....			4 TN	1970–1973	2,160,000
Pickering Diesel.....			3 D	1970–1971	15,000
Nanticoke—Lake Erie near Port Dover			4 TC	1971–1974	2,000,000
Wells—Mississagi River.....			2 H	1970	215,000*
Lower Notch—Montreal River.....			3 H	1971	244,000*
WEST SYSTEM					
Combustion-turbine Units—Thunder Bay G.S.....			2 TCT	1968	28,300

TC indicates thermal-electric conventional.

TN indicates thermal-electric nuclear.

TCT indicates thermal-electric combustion turbine.

H indicates hydro-electric.

D indicates diesel.

* Tentative capacity.

equipment, there would be only marginal savings compared with 13.8-kv distribution.

Four municipal electrical utilities in the Metropolitan Toronto area have indicated their acceptance of the recommendation for the future use of 27.6-kv distribution. Initial application of the recommendation is planned for 1969 in those areas of York and North York supplied from Toronto-Fairbank and Toronto-Runnymede Transformer Stations. Further study is being given to the possibility of ultimately adopting 24.94/14.4-kv distribution, a widely recognized standard.

Supply

There are obvious advantages of scale in the use of generating units of large capacity. Since the size of the Commission's system offers an opportunity to profit from them, the Commission finds it economically advantageous to match load growth by adding generating capacity in units which are comparable with some of the largest and most modern being committed anywhere in the world. It follows that some suppliers, perhaps Canadian firms seeking new business in particular, will be required to develop new processes and facilities and to manufacture products that go well beyond their previous experience. Where it has been necessary to call upon foreign suppliers, even their broader experience is not sufficient to circumvent serious design and manufacturing problems. Furthermore, with foreign

Expenditures on Capital Construction, 1958-1967

	Genera- tion	Transfor- mation	Trans- mission	Retail Distribu- tion	Other	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1958.....	126,204	20,688	20,806	19,980	2,978	190,656
1959.....	98,251	20,788	12,159	19,996	2,910	154,104
1960.....	82,506	16,624	12,230	18,120	2,559	132,039
1961.....	77,939	10,693	11,446	18,954	4,624	123,656
1962.....	59,741	11,754	21,118	18,102	3,709	114,424
1963.....	49,301	12,109	22,391	18,073	6,283	108,157
1964.....	55,908	16,775	16,250	18,623	2,565	110,121
1965.....	90,420	18,734	19,727	18,066	3,004	149,951
1966.....	131,900	22,593	21,607	20,256	*14,908	211,264
1967.....	154,889	30,128	26,774	22,280	*18,075	252,146
Total.....	927,059	180,886	184,508	192,450	61,615	1,546,518

*These figures include investment in tools and equipment, now classified as fixed assets but shown in previous years as current assets.

suppliers, the greater distance makes close surveillance of quality and scheduling difficult, delays the resolution of problems, and reduces the effectiveness of corrective action. Whether equipment is manufactured in Canada or abroad, therefore, delays in delivery beyond the control dates have frequently made field erection by scheduled in-service dates quite impossible. On all too many occasions, equipment has failed to meet design specifications.

Those manufacturers who have tended to over-commit their technology and production resources have derived little benefit from the increased lead time offered by the Commission on major orders placed during the past two or three years. Others who have used mere extrapolation of earlier design technology to meet new requirements, or who have pared down design margins, have greatly increased the risk of equipment failure. The pressure to meet production schedules has also tended to limit the effort on the part of suppliers to ensure that the designed quality is achieved. The failure of several large castings, for example, has required extensive reworking or scrapping, and the manufacture of several large generating units has been seriously delayed as a result.

These supply difficulties are compounded by transportation problems on components of large equipment. Generator stators, end shields, and transformers must be carried on special rail and highway vehicles. Some large items must be moved by water transit, and for these, delivery dates are often dictated by the limitations of the navigation season rather than requirements at the site.

Orders placed in 1967 for large steam generators, turbine generators, nuclear reactor components, and other auxiliary equipment have delivery dates extending to mid 1973. Where these have been added to a substantial backlog of orders on which production performance has fallen short of what was required, the Commission has every reason to expect that its suppliers will be earnestly seeking to correct this condition.

Office and Service Buildings

Extensive alterations were made in the Head Office Building in order to accommodate the expanding operations of the data-processing centre. Eleven new buildings were completed in various locations in the province, including an area office, two service buildings, and two combined office and service buildings. Also included were the new Conference and Development Centre near Orangeville and the Community Building at Abitibi Canyon.

PROGRESS ON POWER DEVELOPMENTS

LAKEVIEW GENERATING STATION

<i>Location</i>	—On Lake Ontario just west of Metropolitan Toronto.
<i>Installed Capacity</i>	—2,400,000 kilowatts in 8 units, 60 cycles.
<i>In Service</i>	—One unit in each of the years 1961, 1962, 1964, 1965 and 1966.
<i>In-Service Schedule</i>	—Units 6, 7, and 8 in 1968.
<i>Estimated Cost</i>	—\$272,000,000 including generation, step-up transformation, and high-voltage switching at the site.

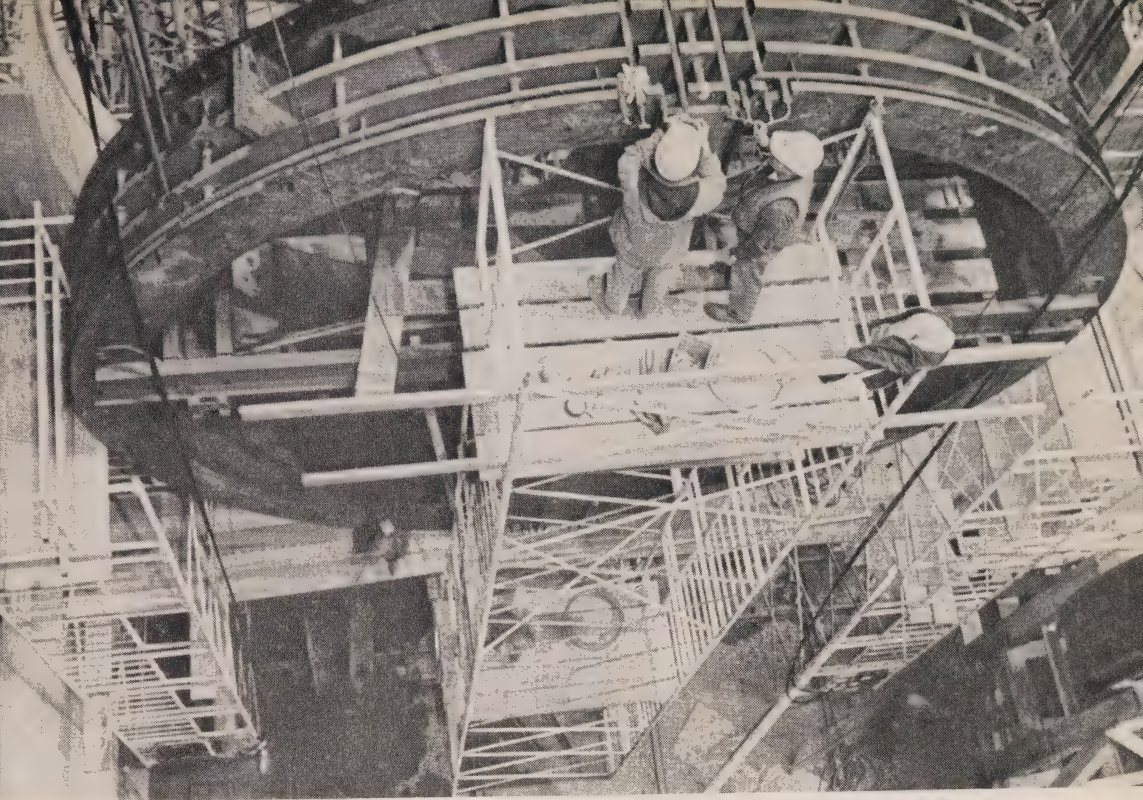
Unit 5, which had been placed in service late in December 1966, was commissioned in May 1967. Subsequently progress on construction of the last three units came to a virtual halt as the result of the construction workers' strike in May. Certain trades resumed operations in July, but the union representing the pipefitters did not agree to return to work until January 1968, and rescheduling of the last three units was unavoidable. The delay in completing Unit 6, however, permitted the manufacturer to incorporate at this stage the agreed upon turbine-design modifications for improving the operating efficiency of the unit. Similar modification of Unit 5 and further modification of Units 3 and 4, at first planned for 1968, must now be postponed until 1969.

The additional precipitators scheduled for installation on Units 1 and 2 during 1967 were rescheduled for service in the summer of 1968.

LAMBTON GENERATING STATION

<i>Location</i>	—On the St. Clair River in Lambton County, 14 miles south of Sarnia.
<i>Installed Capacity</i>	—2,000,000 kilowatts in 4 units, 60 cycles.
<i>In-Service Schedule</i>	—Two units in 1969, and two in 1970.
<i>Estimated Cost</i>	—\$217,800,000 including generation, step-up transformation, and high-voltage switching at the site.

While design and fabrication of equipment proceeded satisfactorily during 1967, construction and the installation of equipment were seriously delayed by the strike, and after settlement of the main issues, by continued disaffection at the local union level.



PICKERING GENERATING STATION — This is one of the two end-shield rings for the Unit 1 reactor. The ring has been hoisted into position just prior to placement in the lower segment of the circular reactor wall, where it will be grouted into place.

Structural steel for Unit 2, the first unit scheduled for service, was completed, as well as construction of the common chimney for the first two units. Following the shop assembly of the turbo-generator for Unit 2, delivery of the turbine parts to the site commenced in December. Erection of the boiler was under way, and fabrication was begun for the extensive equipment for stacking coal and reclaiming it from the pile.

PICKERING GENERATING STATION

<i>Location</i>	—On the shore of Lake Ontario in Pickering Township, east of Metropolitan Toronto.
<i>Installed Capacity</i>	—2,160,000 kilowatts in 4 units, 60 cycles.
<i>In-Service Schedule</i>	—One unit in each year 1970 to 1973 inclusive.
<i>Estimated Cost</i>	—\$527,650,000 including generation, step-up transformation, and high-voltage switching at the site.

Approval for the construction of Units 3 and 4 at this station was received from the Atomic Energy Control Board of the Government of Canada in March 1967. By the end of June, orders for all major items of equipment for these additional units had been confirmed. As recorded in the 1966 Report, the Federal and Provincial Governments had agreed to underwrite any cost of construction for the

first two units in excess of the cost of a modern coal-fired station of equivalent capacity. The portion of the cost equivalent to that of a conventional coal-fired station was undertaken by the Commission. For the construction of Units 3 and 4, the Commission will assume the entire cost.

Field work was intensified toward the end of 1967 following the prolonged work stoppage during the strike. With most operations back to normal, winter concreting was carried out under protective covering.

The estimated cost of the station includes four combustion-turbine auxiliary generating units to which reference is made on page 66.

NANTICOKE GENERATING STATION

<i>Location</i>	—On Lake Erie near Nanticoke about eight miles east of Port Dover.
<i>Installed Capacity</i>	—2,000,000 kilowatts in 4 units, 60 cycles.
<i>In-Service Schedule</i>	—One unit in each year, 1971 to 1974 inclusive.
<i>Estimated Cost</i>	—\$266,500,000 including generation, step-up transformation, and high-voltage switching at the site.

The design of Nanticoke Generating Station is now well advanced, and orders for all the major items of equipment were placed during 1967.



AUBREY FALLS PROJECT

The headpond for Aubrey Falls Generating Station will cover an area of approximately 4,700 acres, of which nearly 4,200 acres required clearing.

Some roads in the area were improved to meet the requirements of heavy construction equipment. Construction is scheduled to commence in April 1968.

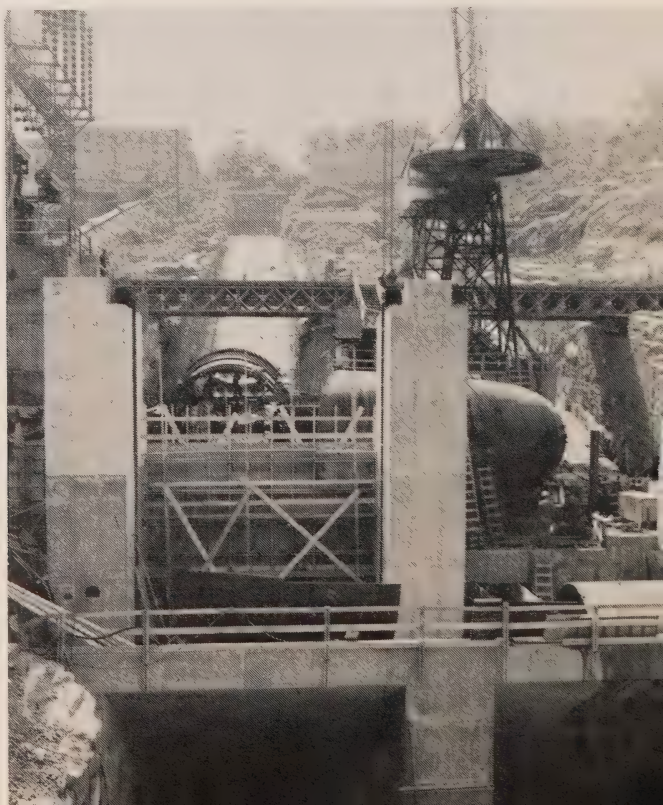
AUBREY FALLS GENERATING STATION — MISSISSAGI RIVER

<i>Location</i>	—About 45 miles northwest of Elliot Lake.
<i>Installed Capacity</i>	—130,000 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	—173 feet.
<i>In-Service Schedule</i>	—Two units in 1969.
<i>Estimated Cost</i>	—\$27,390,000 including generation, step-up transformation, and high-voltage switching at the site.

Construction was well under way at the site, and approximately half the head-pond clearing for the station had been done by the end of the year. Construction facilities and roads were essentially complete, and approximately 400 employees were in residence at the camp. The completion of the colony at Chub Lake was approaching, and 65 families and a number of single employees were already established there. About 70 children were attending the local public school. Additional accommodation will be provided both at the project site and in the Chub Lake colony over the peak construction period in 1968.

Rock is being excavated in the areas of the powerhouse, penstocks, main dam, and diversion channel. The placing of concrete will begin in the spring of 1968. The Trolling Lake block dam is under construction, with completion expected in 1968. Work is well under way for the transmission line between Aubrey Falls and George W. Rayner Generating Station. It is scheduled for service early in 1968.

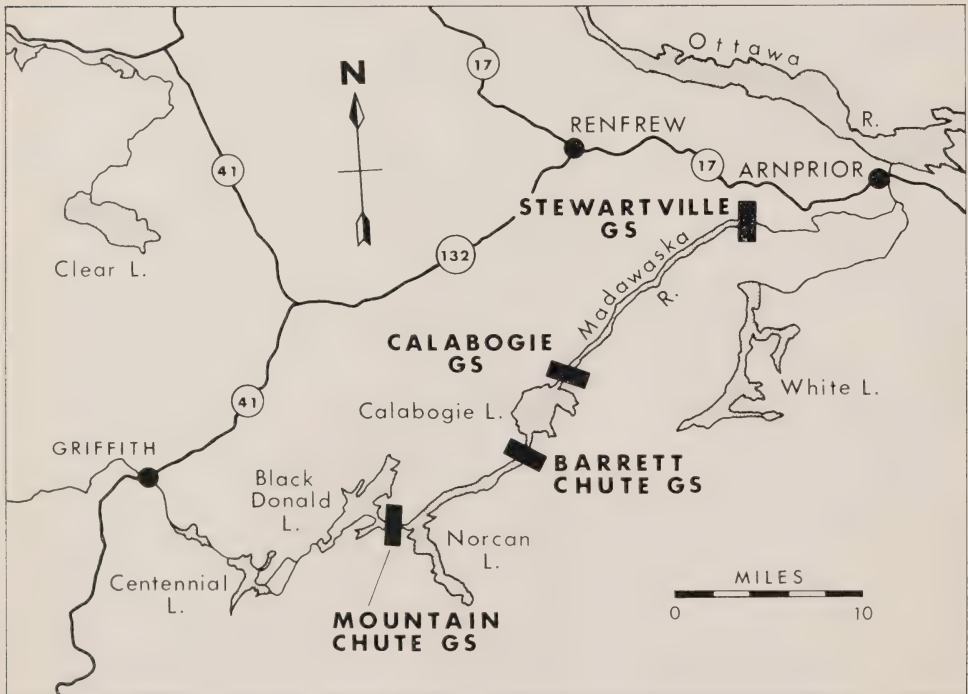
BARRETT CHUTE GENERATING STATION—With the extension of Barrett Chute Generating Station on the Madawaska River, and the addition of two units, the station will have nearly four times its present installed capacity. This view is of the powerhouse headworks.



BARRETT CHUTE GENERATING STATION (EXTENSION) — MADAWASKA RIVER

<i>Location</i>	—About 18 miles south of Renfrew.
<i>Present Installed Capacity</i>	—40,800 kilowatts in two units, 60 cycles.
<i>Additional Installed Capacity</i>	—111,600 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	—150 feet.
<i>In-Service Schedule</i>	—Both additional units in 1968.
<i>Estimated Cost</i>	—\$15,500,000 including generation, step-up transformation, and high-voltage switching at the site.

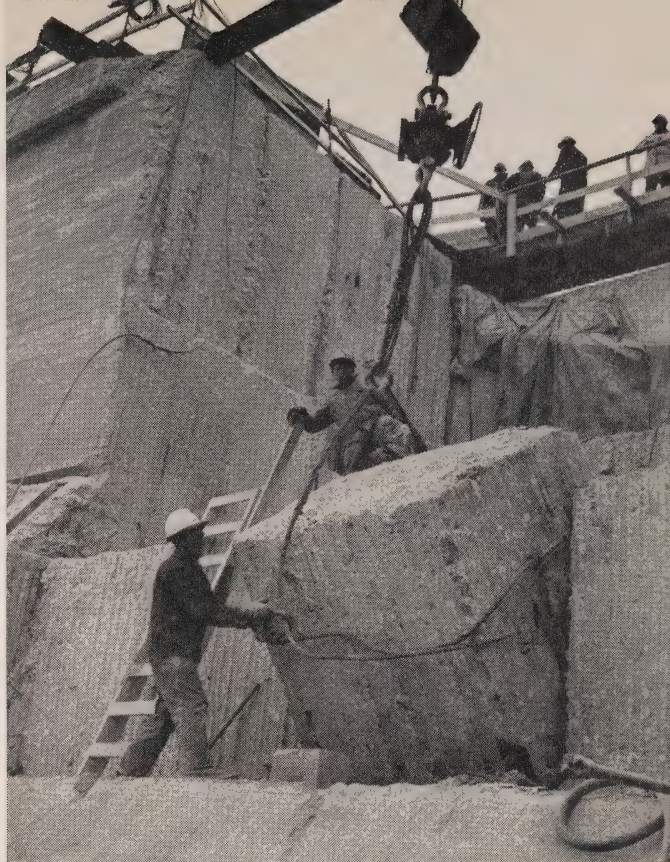
Barrett Chute Generating Station, like Stewartville Generating Station farther down the Madawaska River, is being extended by two additional units to bring its generating capacity and station flow into close relationship with the capacity and flow at Mountain Chute Generating Station, which is up stream from Barrett Chute. All three stations, as well as the power-operated sluiceways for controlling storage in Calabogie Lake, are supervisory controlled from Chenaux Generating Station on the Ottawa River, approximately 25 miles north of Barrett Chute Generating Station. The stations can then be operated in series as peaking plants with a minimum of water spillage and little water-level fluctuation either in the downstream headponds or in Calabogie Lake.



During 1967, work on the headworks for the two additional units was sufficiently far advanced to permit reflooding of the intake area. Most of the embedded

STEWARTVILLE GENERATING STATION

—Large blocks of concrete weighing from 10 to 20 tons were removed from the main dam following careful quarrying procedures to provide openings for the intakes for the two additional units in the extension to this station. The close proximity of electrical equipment in service precluded the more normal use of explosives in this area.



parts for the turbines were installed and concreted. Installation of the steel penstocks was begun during the fall months, and was approximately 85 per cent complete by the end of the year. The necessary extension of the headworks at the western end of the present headworks was concreted, and the erection of headgates and hoists had begun.

The headpond for the station is maintained by a control dam established about a mile up stream from the powerhouse, which is located on the left bank of the river. Water is conveyed to the headworks across a peninsula, formed by a wide bend in the river, through an intake canal about 2,000 feet long. Enlargement of the canal was begun in August 1967, and over half the excavation was finished by the end of the year.

STEWARTVILLE GENERATING STATION (EXTENSION) — MADAWASKA RIVER

<i>Location</i>	—About eight miles west of Arnprior and 17 miles down stream from Barrett Chute Generating Station.
<i>Present Installed Capacity</i>	—61,200 kilowatts in three units, 60 cycles.
<i>Additional Installed Capacity</i>	—91,800 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	—146 feet.
<i>In-Service Schedule</i>	—Both additional units in 1969.
<i>Estimated Cost</i>	—\$12,766,000 including generation, step-up transformation, and high-voltage switching at the site.

The removal of concrete from the main dam for the two additional units was almost finished by the end of 1967. The concrete work for the intake for Unit 5 was also completed.

Following the completion of the powerhouse cofferdam, the construction area was dewatered. The development of leaks in the foundations, however, has required an extensive grouting program, which has delayed the commencement of powerhouse construction.

MOUNTAIN CHUTE GENERATING STATION — MADAWASKA RIVER

<i>Location</i>	—About 22 miles southwest of Renfrew and eight miles up stream from Barrett Chute Generating Station.
<i>Installed Capacity</i>	—139,500 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	—150 feet.
<i>In Service</i>	—Unit 1 November 11, and Unit 2 December 9, 1967.
<i>Estimated Cost</i>	—\$32,000,000 including generation, step-up transformation, and high-voltage switching at the site.

Mountain Chute Generating Station was placed in service in November 1967. This marked the completion of the first stage of a program to redevelop the Madawaska River for the purpose of meeting peak requirements on the system. Later stages include additions to the capacities of Barrett Chute and Stewartville Generating Stations, to which reference has already been made in the text.

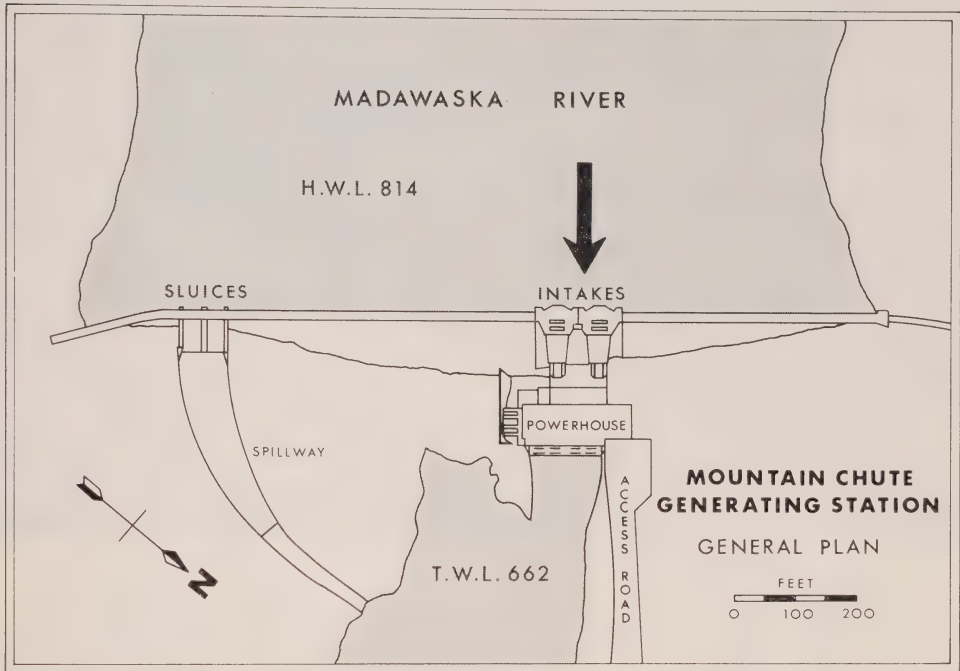
The concrete gravity-type structure that forms the main dam is approximately 1,400 feet in length. The headworks section has two intake structures, each



MOUNTAIN CHUTE GENERATING STATION — MADAWASKA RIVER

In mid-1966 construction of the main dam was well advanced, but the river still flowed through the diversion channel in a gap in the structure at the left in this downstream view. The partially constructed powerhouse is shown on the river bank to the right in the photograph.

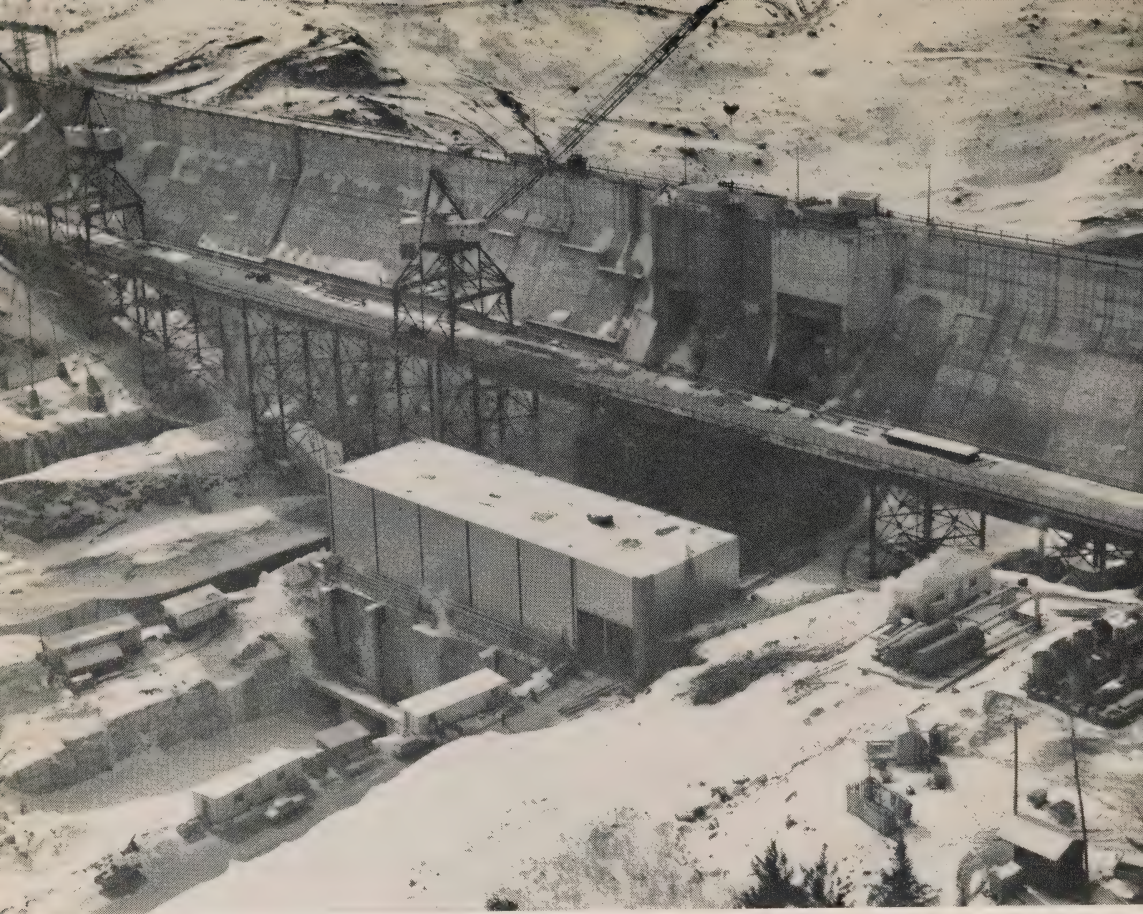
equipped with motorized hoists and headgates and the required trash-racks and sectional service gates. A bulkhead section about 440 feet long, including a log-chute headblock, extends from the headworks to the north bank of the river. South of the headworks, the main dam includes another bulkhead section 512 feet long, an 84-foot sluice section including two 29-foot sluiceways, and a third bulkhead section extending 220 feet to the south bank.



The headpond area, approximately 8,500 acres in extent, required the clearing of 5,500 acres. Two relatively small earth dams were required for headpond containment. One about 420 feet long is located immediately to the north of the main dam, and is designated the North Block Dam. The other, known as the Whitefish Draw Block Dam, is located about two miles farther to the north and is about 650 feet long. Both dams have compacted impervious cores covered by compacted granular fill. They are protected from wave action and weathering on the upstream face by riprap and on the downstream face by surface dressing.

The powerhouse is approximately 190 feet long including the erection bay. Built on a reinforced concrete substructure, its structural steel frame is faced with aluminum panels insulated with fibreglass. A 90-ton overhead crane provides hoisting service in the generator room. Water is conveyed from the headworks to the powerhouse by two concrete-encased penstocks, each 24 feet in diameter.

The two turbines equipped with Francis-type runners were manufactured by the English Electric Company Limited. Each is rated 112,000 bhp under a net head of 150 feet. Total peak flow through the station is 15,200 cubic feet per second. The generators were manufactured and installed by the Canadian Westinghouse Company Limited. Operating at 100 revolutions per minute, they are rated



MOUNTAIN CHUTE GENERATING STATION — MADAWASKA RIVER

The first unit was placed in service at Mountain Chute Generating Station in November 1967. This picture was taken in March 1967 just prior to the filling of the headpond, when the main concrete structure in the river channels was already complete. The installed capacity at the station is 139,500 kilowatts in two units.

75,000 kva, 0.93 power factor, to supply 13.8-kv, three-phase, 60-cycle power. This output is then stepped up to 230 kv by two Canadian General Electric transformers, for transmission to the East System. The two main three-phase, 60-cycle power transformers are each rated at 48,000/64,000/80,000 kva.

LOWER NOTCH GENERATING STATION — MONTREAL RIVER

Location —Near the mouth of the Montreal River on Lake Timiskaming, 22 miles southeast of Cobalt.

Tentative Installed

Capacity —244,000 kilowatts in 2 units, 60 cycles.

Rated Head —230 feet.

In-Service Schedule —Three units in 1971.

Estimated Cost —\$51,100,000 including generation, step-up transformation, and high-voltage switching at the site.

Following the decision in April 1967 to proceed with the development of the site at Lower Notch, the Commission retained the services of H. G. Acres and

Company Ltd. to undertake the engineering, construction supervision, and project management responsibilities for the station.

The site derives its name from a 400-foot stretch of the Montreal River which at this point cascades through a rock canyon 30 feet wide and 60 feet high. The main dam will be located up stream from the Notch, and the powerhouse on the shore of Lake Timiskaming north of the river mouth.

Engineering studies have indicated that the development will include an earth- and rock-filled dam, intake canal, and powerhouse. During the latter part of 1967, field investigation was confined to the areas where the main dam and diversion tunnel will be built. Construction of a campsite and the installation of camp services were well under way at the end of the year.

WELLS GENERATING STATION—MISSISSAGI RIVER

<i>Location</i>	—Approximately 17 miles north of Thessalon along Highway No. 129.
<i>Tentative Installed Capacity</i>	—220,000 kilowatts in 2 units, 60 cycles.
<i>Rated Head</i>	—204 feet.
<i>In-Service Schedule</i>	—Two units in 1970.
<i>Estimated Cost</i>	—\$24,263,000 including generation, step-up transformation, and high-voltage switching at the site.

The decision to construct Wells Generating Station was also taken in April 1967. Studies were subsequently carried out for the alignment of the powerhouse and tailrace. The station will be situated 1,000 feet to the west of George W. Rayner Generating Station and will share with it a common forebay. Work is now proceeding on design. Plans for the camp service areas indicate that camp construction will begin in the spring of 1968.

Combustion-Turbine Units

In 1965 the Commission began to install a number of combustion-turbine generators at various locations throughout its system. These units burn light fuel oil in turbine engines and generally provide outputs of less than 17,000 kilowatts each. They are more expensive to operate than the much larger coal-fired and nuclear-fuelled units which now comprise the major part of the generation development program. The combustion-turbine units, however, can be started up and shut down quickly and easily, and they may if necessary be placed in operation within a year of the time of a decision to proceed with an installation. They, therefore, provide a good source of standby power for emergencies, and serve well as a means to provide a more adequate margin of reserve capacity during the current period when loads are growing rapidly and there is difficulty in commissioning some of the larger units on the scheduled dates.

Seventeen combustion-turbine units were installed during 1967, at four coal-fired thermal-electric stations and a transformer station in the East System, and two units were placed in operation at Thunder Bay Generating Station in the West

System just after the end of the year. Although not all are yet commissioned, twenty-seven of these units with peak capacities totalling approximately 350,000 kilowatts are now in operation, and the current program for the installation of combustion-turbine generators is essentially complete. Small generating units of either the diesel-electric or combustion-turbine type are required, however, for emergency standby duty at nuclear-electric stations, and are useful for this purpose at coal-fired stations. Six 7,500-kilowatt combustion-turbine generators have been purchased for installation as standby units at Pickering Generating Station now under construction just east of Metropolitan Toronto.

TRANSFORMER STATIONS

Extra-High-Voltage Stations

At Kleinburg Transformer Station, two 500—230—27.6-kv autotransformers, with capacities of 360,000 kva each, were placed in service with their associated switching in readiness for the change from 230-kv to 500-kv operation of the line from Hanmer Transformer Station to Kleinburg on April 6, 1967.

Near Timmins, pile driving was completed and foundation work was well advanced for the new 500—115-kv Porcupine Transformer Station, scheduled for service in 1968.

Western and Niagara Regions

At Sarnia-Scott Transformer Station, a new 230-kv switchyard with five 230-kv circuit breakers was constructed. The facilities are being still further expanded in preparation for the delivery of power from Lambton Generating Station in 1969. At Sarnia-Vidal Transformer Station, the station capacity was substantially increased when the former 115 — 13.8-kv facilities were supplemented by the placing in service of two 60,000/100,000-kva, 230 — 13.8-kv transformers. Work is



STEEL TOWER FOR EAST-WEST INTERCONNECTION

One of the first towers is shown being installed for the 230-kv line which, when it is completed late in 1970, will provide two circuits linking the East and West Systems. It will extend from R. H. Martindale Transformer Station at Sudbury westward and northward more than 500 miles, and well within the West System, to a new transformer station in the vicinity of Fort William and Port Arthur.

proceeding on the replacement of sixteen 115-kv circuit breakers by breakers of higher rupturing capacity at E. V. Buchanan Transformer Station, and also on work for the replacement of two 115,000-kva, 230 — 115-kv autotransformers by larger equipment rated at 250,000 kva.

Work is in progress on a new station in Hamilton to be known as Hamilton-Elgin Transformer Station, where the switching structures will be of the new low-profile type. It is scheduled for service in April 1968.

The installation at Guelph-Cedar Transformer Station of two new grounding transformers will permit the Guelph Commission to change from 3-wire to 4-wire distribution at 13.8 kv. Two 8,000-kva, 115 — 27.6-kv transformers are being installed to provide additional capacity.

Central and Georgian Bay Regions

Three 230-kv circuit breakers will be added at Cherrywood Switching Station on two new transmission circuits from Pickering Generating Station. Eighteen circuit breakers now installed at the switching station will be replaced by breakers of higher rupturing capacity.

Operation of the new Muskoka Transformer Station is scheduled for mid-1968. The initial installation will be two 25,000/41,666-kva, 230 — 44-kv transformers.

One of two urban-type stations in Toronto, Toronto-Charles Transformer Station, was placed in service in October with two 45,000/75,000-kva, 115 — 13.8-kv transformers. The second, Toronto-Duplex Transformer Station, with a similar installation, is scheduled for service early in 1968. At two other locations in Toronto, work was under way on equipment scheduled for service in 1968, the replacement of two 20,000/33,000-kva, 115 — 13.8-kv transformers by two of 45,000/75,000-kva capacity at Toronto-Teraulay Transformer Station, and the addition of two 20,000/33,000-kv transformers of the same voltage at Toronto-Basin Transformer Station.

Northeastern and Northwestern Regions

In order to accommodate two new 230-kv circuits which will form part of the future interconnection between the East and West Systems, switching facilities at R. H. Martindale Transformer Station were enlarged. Properties were acquired near Marathon and Wawa for new 230-kv transformer stations, which will be operated initially at 115 kv during 1968 for switching purposes. The proposed West System terminus at Port Arthur is planned for operation in 1969 at 230 kv.

At Timmins Transformer Station, a spare 15,000-kva, 115 — 27.6-kv transformer was connected for service, and at Red Lake Transformer Station, a second transformer rated at 19,000 kva, 110 — 44 kv was installed.

TRANSMISSION LINES

On April 6, 1967, the 500-kv line between Hanmer and Kleinburg Transformer Stations, formerly operated at 230 kv, was placed in service at 500 kv. A short wood-pole by-pass was built at the site of Porcupine Transformer Station, farther to the north, to permit installation of the station facilities.

Field work is proceeding on all aspects of the 230-kv double-circuit interconnection facilities which will eventually provide a link between Sudbury in the East System and Port Arthur in the West System. Survey, layout, clearing, and construction are proceeding simultaneously on various sections.

Two miles of 230-kv, double-circuit, steel-tower line were built between Sarnia-Scott and Sarnia-Vidal Transformer Stations to supply additional industrial load, and nearly four miles of double-circuit line were built to supply the new Oshawa-Wilson Transformer Station. Two other double-circuit, 230-kv sections of upwards of 1.5 miles in length, and one four miles in length were built to supply industrial customers in the Western, Central, and Northeastern Regions.

On the 115-kv network in the Northeastern Region, a single-circuit, wood-pole line, 46 miles in length, was built from Timmins Transformer Station to serve mining customers west of Timmins. In the Eastern Region, a similar nine-mile section was built to complete the connection between Forfar Distributing Station and a new distributing station at Newboro.



MOBILE CAMP ON THE EAST-WEST INTERCONNECTION PROJECT

Dormitory, dining, recreation, and office facilities are provided by the fifteen trailers in this mobile camp to accommodate a 65-man crew engaged in the construction of a section of the transmission line that will bridge the present 300-mile gap between the East and West Systems. Camps will be established at approximately 10-mile intervals along the route, and they will be moved in accordance with the progress of the work.

The 69-kv, 25-cycle supply to an industrial customer in Wellandport was changed over to 115 kv.

Two circuits of 115-kv power were brought into the new Toronto-Duplex Transformer Station, by tapping two of the present oil-filled cable circuits between Toronto-Leaside and Toronto-Glengrove Transformer Stations. A new 115-kv cable of the same type was installed between Bayview Junction and Balfour Junction, a distance of 1.3 miles, to form part of the main supply to Toronto-Charles Transformer Station from Toronto-Leaside Transformer Station.

SECTION V

RESEARCH AND TESTING ACTIVITIES

THE ever widening applications of electric energy in business and social life, and the rapid increase in its use give rise to numerous and often important technological problems. A continuous program of investigation and development is therefore required to ensure that the latest and most appropriate methods are applied to solve the problems of today and to anticipate those of tomorrow. Since much technological change is evolutionary and gradual, progress may be difficult to measure, even when the process of change is economically quite significant.

The breadth of the Commission's applied research program can be gauged from the brief outlines of activity that follow. It engages the attention of a staff of approximately 300, and the use of extensive facilities at the Ontario Hydro W. P. Dobson Laboratory. Much of it requires the investigation of new materials and their application to meet the needs of Ontario Hydro. Successful application frequently requires co-operative development in conjunction with manufacturers over extensive periods of time. Close liaison with other research organizations, technical societies, and universities is necessary to ensure that the latest information is continuously available. Reports in greater detail on many of the subjects dealt with are available in the form of published technical papers or in the pages of the *Ontario Hydro Research Quarterly*.

AIDS TO DESIGN

Elastomeric Materials

Elastomeric materials are used by the Commission in a variety of applications where they must be both flexible and serviceable over a wide range of environmental conditions. Perhaps the most significant studies of these materials during 1967 involved requirements for a flexible, air-tight roof seal and for coal-conveyor belts.

Pickering Generating Station, the large nuclear-electric station now being built just east of Metropolitan Toronto, will include a large vacuum building as the main part of a system which would contain any radioactive material in the unlikely event that any should escape from its normal channels in the reactor and heat-transport system. This building requires a seal between its roof and cylindrical concrete wall which must be air-tight under a differential pressure of 13.7 psi and which must have the flexibility to permit a movement of 1½ inches across the five-inch width of the seal. These requirements were met by the development of a product including rubber stock that will be virtually unaffected by the expected weather conditions at the station, while having sufficient fabric reinforcement to retain the imposed load and creep forces. A prototype mould and a manufacturing technique were devised to hold the reinforcement in place during curing.

Problems with coal-conveyor belts now in use and requirements for large quantities of these belts at coal-fired thermal-electric stations now planned or under construction have prompted tests from which valuable background information has been derived for the purchase of new belts. One problem arose from the Commission's intention to wet coal with oil while it is being unloaded

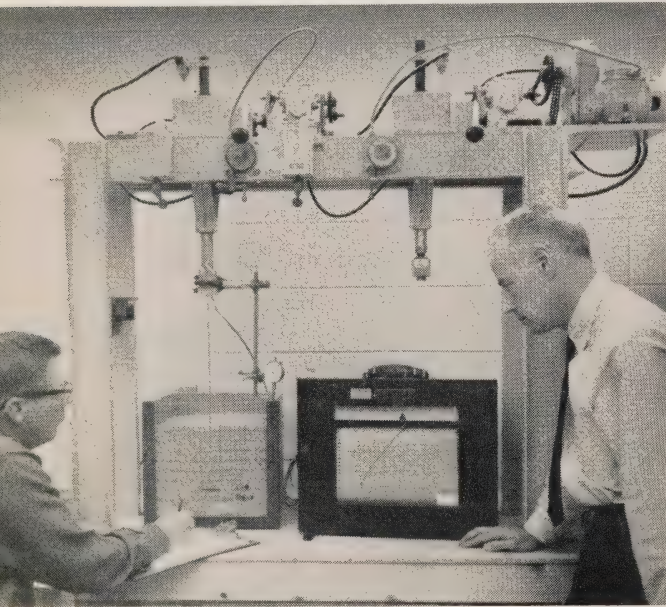


PHOTOMETRIC STUDIES — This 114-inch integrating-sphere photometer is here being set up as an "artificial sky", as a possible technique for the calibration of photoelectric controllers used for automatic control of street-lighting and dusk-to-dawn luminaires. The sphere provides uniform luminance which may be reduced or increased to simulate sunset and sunrise, respectively.

from ships in order to reduce or eliminate the dispersion of dust during subsequent storage and handling. Requirements were therefore developed for an oil-resistant belt that would be operable at the lowest temperatures experienced in southern Ontario. There was also a need to develop a prototype belt with very low elongation at service loads for a coal-conveyor system at Lambton Generating Station which will have somewhat limited belt take-up, and because of the frequent failure of belts already in use, a need to improve repair and jointing procedures.

Foundation Study for Large Bucket-Wheel Coal Stacker and Reclaimer

A 1,200-ton bucket-wheel coal stacker and reclaimer at Lambton Generating Station is supported by four bogies running on tracks laid on a conventional ballast foundation. The differential movement of the bogies must be kept within tolerable limits. The foundation analysis for the track therefore required estimates of the transient and long-term settlements that would occur in the soil under the ballast during operation of the machine.



This uplift test of a model anchor embedded in sand is part of a study of the general behaviour of soil subjected to uplift loading. From test results, relations were derived for calculating the uplift capacity of full-scale augered concrete footings — a type now in wide use in Ontario Hydro as the foundations for transmission towers.

The soils at the site are relatively soft and extend to the unusually great depth of about 140 feet. Conventional compression tests and consideration of the depth of the soil provided estimates that the initial deformations of the soil under a ballast-supported track would exceed tolerable limits, indicating that a much more expensive pile-supported foundation would be necessary. However, special tests were developed which duplicate more closely the in-situ conditions of the soil. The results of these tests agreed well with measurements made of actual soil deformations during the placing of a large spoil pile and the digging of a large excavation. Application of the results of these special tests indicated that a conventional ballast track foundation would adequately support the stacker-reclaimer, thus permitting considerable saving in costs. Plans were begun for

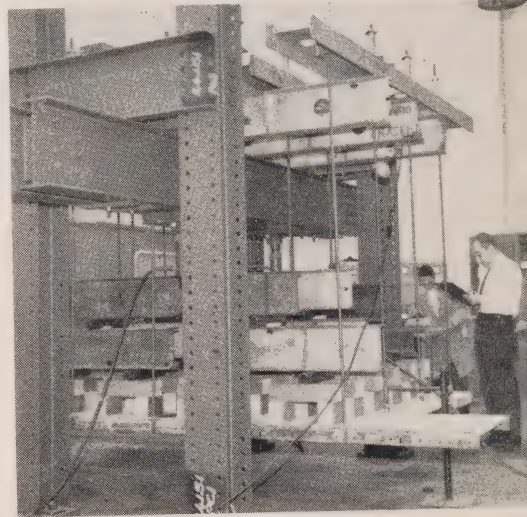
comprehensive instrumentation to monitor the behaviour of the tracks and supports during operation of the machine.

Stresses in Components of Hydro-Electric Generating Stations

On the basis of field measurements of strain, pressure, and load, studies were made of the structural and hydraulic performance of components of hydro-electric generating stations. For example, data were obtained on the loads in concrete-reinforcing bars around scroll-cases, on the loads in shoring supporting the concrete forms for draft-tubes and headworks and in shoring supporting steel scroll-cases against deformation during embedment in concrete, and on the pressures in a scroll-case and a draft-tube under operating conditions. The measurements were made possible by techniques and facilities that have been developed and gradually improved in recent years.

MATERIALS TESTING

Structural materials, equipment, and assemblies are tested under conditions simulating those of actual service in order to confirm the adequacy of their design and manufacture. Load deflection correlations are determined at the laboratory, often up to the point of complete failure of the sample, in order to establish the serviceability and safety of the great variety of building, structural, and equipment components used on the Commission's systems.



Measurement of such quantities is desirable because, without measurement, the somewhat uncertain accuracy of some calculated design values can require the use of heavier shoring or the incorporation of extra structural reinforcement in order to ensure that adequate strength is provided. This procedure can lead to substantial over-design. In one study, for example, the measured load on some of the reinforcement around scroll-cases was found to be much less than the design value. As a result, it was possible to achieve significant economies in subsequent designs.

AIDS TO OPERATION

Timed High-Speed Vacuum Circuit-Breaker

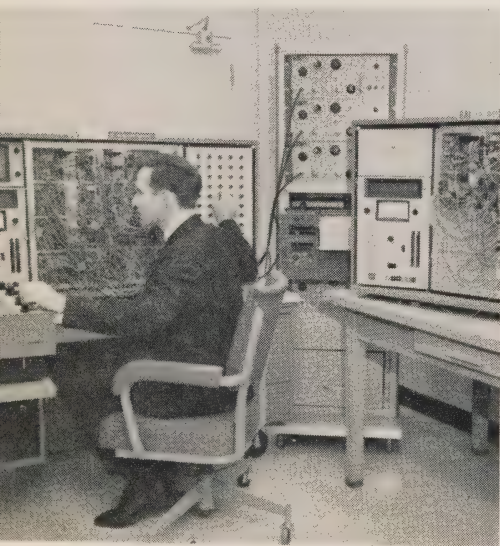
Progress is being made in development work to check the feasibility of a circuit-breaker mechanism which would combine the use of a vacuum as a dielectric, with timing to open just prior to a moment of zero system current, and with sufficiently rapid opening to cope with the resulting recovery voltage. Such a

"no-arc" breaker would solve the problem of meeting the formidable circuit-breaking capabilities required for power systems of the foreseeable future. The present goal is to develop a working prototype that can be tested and demonstrated. This would be dimensioned with a view to 230-kv circuit rating.

One feature of the vacuum circuit-breaker is extremely high speed of contact opening, involving accelerations of some 20,000 times gravity. The required force is applied by a high-current pulse in a driving coil which is electromagnetically coupled to a conducting disc assembly that carries the moving contacts. The high forces on the coil, however, and its insulation in vacuum have presented acute material problems.

A second feature, made possible by the high speed at which the breaker contacts separate, is precise timing of the opening to occur within some tens of microseconds prior to the instant a fault current passes through the zero value. To achieve this precision, an electronic circuit is used to predict the most probable time of the approaching current zero and to trigger the firing circuit of the driving coil immediately before that time.

Two prototype breakers are being set up in a synthetic circuit to test the voltage and current-interrupting capabilities, and to demonstrate the concept.



This analogue computer is being used to simulate a generation and excitation system in order to provide data for a mathematical model. The model will be used as part of a digital-computer program to analyse the power system with respect to generator performance and stability.

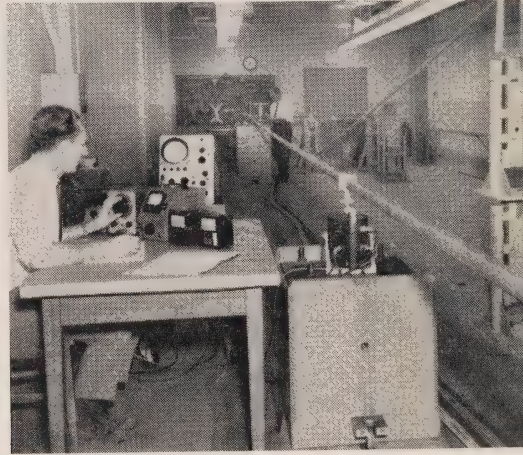
System Protection and Control by Computer

A small electronic computer has been acquired for use in system protection and control. The computer, which has capabilities for high-speed scanning and storing of system voltages and currents, will be used to detect faults and initiate protection functions, and then provide an analysis of conditions at the time of the fault. The computer operates at a speed which permits the protection function to be carried out within the first cycle following the occurrence of a fault.

An initial application of this equipment, now completed, involved the translation of voltages and currents into a digital code which permits the storage of

this information in the computer, and the preparation of a program of instructions for fault detection and data read-out. The equipment is also used to display system operating conditions on a cathode-ray tube. Information received either by telemetering or by direct measurement will be displayed in accordance with a format stored as part of the computer program. This use of the equipment will simplify the operator's task by producing concise understandable displays of selected significant information. A third application will be the development of an operation sequence analyser — a system for the recording, analysis, and immediate display of operating data during periods of faults or disturbances, thus providing information which otherwise would be too complex and detailed for assessment and use by system operators.

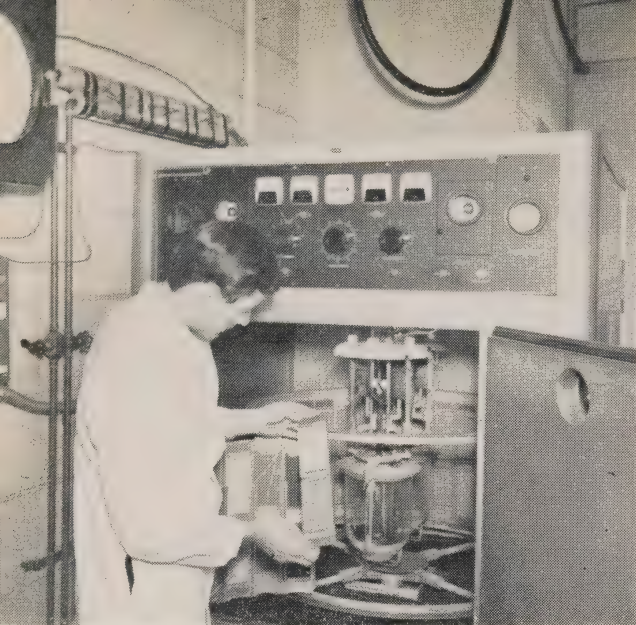
This laboratory test span is used to appraise the vibration-energy dissipation characteristics of overhead transmission conductors and of dampers. The vibration generator is in the centre foreground, and instruments for measuring vibration force, energy loss, and other factors are at the left.



Monitoring of Underground Power Cables for Hot Spots

The loading of high-voltage underground power cables is limited by the extent of the related rise in the temperature of the insulation, a factor which is markedly influenced by the thermal properties of the soil or other material used as backfill. These properties vary along the length of the cable, and do not remain constant during its service life. They can be influenced, for example, by changes in the weather, and by changes in drainage which result from nearby construction. For this reason, a means has long been sought whereby cables could be continuously monitored along their entire lengths for "hot spots" — places where the backfill has inadequate heat-transmission qualities.

In 1967, work was begun on the development of a novel method for detecting and locating such hot spots. This involves the use of a liquid-filled coaxial sensing cable laid close to the power cable. The liquid has a high dielectric constant and a boiling point which is close to the limiting temperature of the power cable. When a hot spot develops, a vapour bubble forms in the liquid, creating a local change in the electrical characteristics of the sensing cable. The position of the bubble, determined easily by means of electrical pulse-echo measurements, provides a precise location for the remedial work necessary to eliminate the hot spot. With the



A twin-arc weatherometer is used for accelerated weathering of protective coatings and other materials, to provide quickly under controlled conditions an indication of their resistance to an outdoor environment.

sensing cable that has been selected, a range of about 1,500 feet per installation should be possible. A short experimental length has been installed and successfully tested.

Power-Line-Carrier Communication

Over the years, means have been sought to improve the reliability and usefulness of power-line-carrier communication systems for power-system protection and control. The reliability of power-line-carrier channels used for direct transfer-tripping of power lines depends greatly on proper adjustment of the carrier receiver in the field, and usually involves a balancing of two desirable but conflicting characteristics — sensitivity to the tripping signal, and security against false tripping in the presence of electrical-noise transients. One recent study has clarified the relations between these two characteristics, and has permitted determination, for any given channel, of a quantitative measure of the probability both of a failure to trip and of a false trip. A test apparatus has been constructed and used for optimum field adjustment of transfer-trip channels.

In a second study, computer calculations and field tests showed that the performance of conventional tuned power-line-carrier couplers could be improved significantly by the use of additional tuning components and improved tuning procedures. These improved couplers would permit possibly twice as many carrier channels to be applied on each line. Better matching would also result, improving the quality of the carrier channels by freeing them of the influence of station switching operations. By using computer programs to aid in coupler design which would make the best use of available components, these improvements would be achieved with very little increase in capital costs.

In a third study, the signal propagation of power-line carrier on 44-kv lines was investigated in order to determine the problems involved in applying carrier channels to sub-transmission lines, particularly for the remote control of small

generating stations. Tests and analysis show that a conventional power-line carrier-channel should be satisfactory for most of these applications. In certain frequency bands, however, the performance may become marginal where there are primary taps longer than 600 feet. In this event, line traps at the tapping points or careful selection of frequencies may be required.

WORK RELATED TO THE USE OF ELECTRIC ENERGY

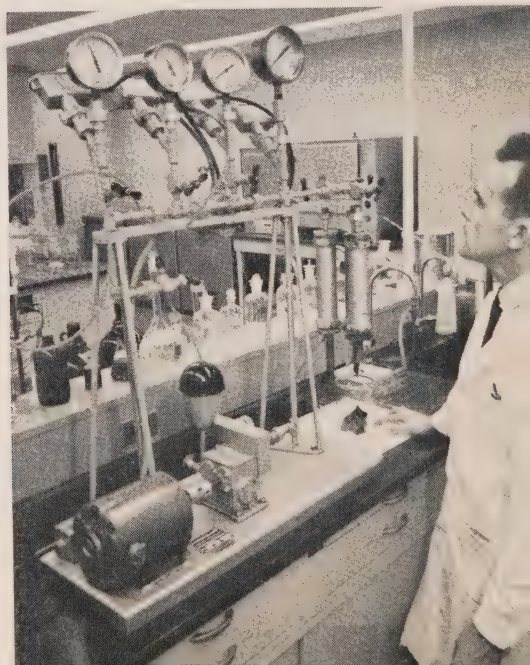
Field Trials of Electric Water-Heater with Subsidiary Heat Storage

Water-heaters installed on commercial premises must be capable of supplying the characteristic demands of these establishments for large flows of hot water over short periods. To meet this requirement, the conventional electric water-heater must have a very large water-storage tank. The space needed for this tank, about ten times that necessary for the tanks of comparable water-heating systems using other sources of heat, is a disadvantage in the commercial water-heating field.

Recent work in the United States, however, has resulted in the development of a new type of electric water-heater which does not have this disadvantage. This water-heater has a high-temperature heat-storage system. During periods when requirements for hot water are low, a chemical in this system absorbs heat energy from the electric elements while increasing in temperature over a wide range and then changing from the solid to the liquid state. By a reverse process, the system releases energy to heat a large flow of water when requirements are high. Because of the high heat-storage capacity of this system this water-heater occupies only one-sixth to one-eighth of the space required by a conventional electric water-heater of similar capability.

This new unit, known as the Therm-Bank* water-heater, was developed by Comstock and Wescott, Incorporated, of Cambridge, Massachusetts, under the sponsorship of the Hooker Chemical Corporation of New York, manufacturer of Therm-Keep*, the heat-storage material. The Companies and the Commission

*registered trademark



The technologist is operating ASTM apparent viscosimeter apparatus which measures flow characteristics of greases used in automatic lubricating systems for hydraulic generating stations.

agreed to test the prototype unit in the Comstock and Wescott laboratories under conditions of typical hot-water demand, based upon data obtained from an Ontario Hydro commercial water-use survey. Ontario Hydro developed a digital-computer simulation of the heater-design parameters to obtain a better understanding of the relations among them. This simulation greatly reduced the number of tests needed on the prototype and assisted materially with the evaluation of the test results.

With the successful completion of these laboratory tests, Ontario Hydro purchased five units similar to the prototype for field testing in a variety of commercial applications. These units are being fully instrumented to permit evaluation of their performance for a period of up to two years. The Commission has been assured that if the results of the field tests are satisfactory, the developers will offer the "Therm-Bank" water-heater for production by a Canadian manufacturer under royalty arrangements no less favourable than those offered to United States manufacturers.

Environmental Engineering

Environmental engineering, which deals with the development of efficient and economical means to provide healthful and comfortable interior atmospheric environments, is assuming increasing importance in the design of residential, commercial, and industrial buildings. Recent studies carried out by Ontario Hydro in this field have been concerned with problems involving electrostatic air-cleaning systems, residential exhaust-fan systems, and residential ventilation and humidity control.

In the air-cleaning study, a variety of electrostatic air-cleaners were evaluated with respect to principle of operation and range of performance, and were compared as to capacity, efficiency, energy consumption, and cost. Comparisons were made also with high-efficiency mechanical filters of similar performance.

The studies of exhaust-fans systems showed that many of the installations in contemporary residences fall considerably short of adequacy in capability to remove odours. The application of fan engineering to an examination of this inadequacy led to the conclusion that the effectiveness of the low-cost propeller and centrifugal fans used in most residential systems is severely reduced by the combinations of wind pressure, differential pressure, and duct resistance that frequently occur in these systems. However, practical specifications have been developed for exhaust systems which would more adequately meet requirements for removal of odours. This has been the result of a theoretical study of exhaust-system design which takes into account the characteristics of the three main types of fan — propeller, axial flow, and centrifugal — and their relative capabilities in various applications.

In a study of ventilation and humidity control in electrically heated houses and apartment buildings, factors that contributed to reported ventilation and humidity problems in selected residences in southern Ontario were examined. In one residence, a humidity build-up problem was alleviated by installing a ventilator unit which draws cold dry air from the attic, heats the air, and mixes it with the moist room air. This unit and also the kitchen and bathroom exhaust fans are

controlled by a humidistat. Studies of other new methods and equipment for environmental control were begun.

Use of Ceiling-Cable Radiant-Heat Systems for Plaster Drying

During winter construction of apartment houses in Ontario, heat is needed to provide adequately comfortable working conditions and to dry the plaster used for interior finishing. Central-heating systems can usually be installed early to provide heat throughout most of the construction period. Ceiling-cable radiant-heating systems, however, are usually made operative only after complete drying of the plaster, and in buildings where these systems are being installed, temporary heat sources such as portable oil, gas, or electric space heaters, are required for much of the construction period. The high cost of this method of construction heating has sometimes deterred architects from specifying cable heating for an apartment building when the installation would otherwise have been economical and well suited to the design. In an effort to eliminate this deterrent, field trials were made during the winter months of 1966-1967 of the use of ceiling cable to dry the finishing coat of plaster in two apartment buildings. These trials were entirely successful. Not only did they indicate that portable heaters can be dispensed with as soon as the base coat of plaster has been applied, but also that the evenly distributed dry heat provided by the ceiling cables is more suitable for drying the finishing coat.

MISCELLANEOUS STUDIES AND DEVELOPMENTS

Instruments for Corrosion Studies

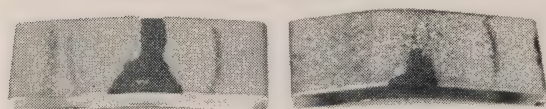
Studies of the corrosion of metal surfaces in underground and underwater situations and the development of preventive measures require measurement of the minute electric potentials between those surfaces and the surrounding soil or water which occur as the result of electrolytic action. Potentiometers are still the best instruments for this purpose where potentials are steady, but voltmeters with electronic amplifiers are necessary for the measurement of fluctuating potentials. Voltmeters with vacuum-type amplifiers, however, have the disadvantage that they lead to frequent delays and interruptions in measurement because of the need to correct for zero drift or to replace exhausted batteries. To overcome these limitations, a small transistor-amplified voltmeter has been developed. This instrument has satisfactory stability and good battery economy, and is becoming a frequently used tool in corrosion investigations both in the laboratory and in the field.

Early Detection of Incipient Faults in Power Transformers

The composition of dissolved gases in transformer oil has been found to differ significantly from that of the mixture which collects in the gas relay. However, a rapid and sensitive method, based on the gas chromatographic principle, has now been devised for extracting, identifying, and measuring gas dissolved in transformer-oil samples. Use of this method may provide advance warning of incipient transformer faults, and thus permit application of corrective measures early enough to avoid serious outages.

Induction-Heating Process Improves Adherence of Metallized Zinc Coatings

In order to increase the service life of steel items subject to atmospheric or aqueous corrosion, a sprayed-on (metallized) zinc coating is sometimes used in place of the conventional hot-dip galvanized coating. Because the sprayed coating can be applied to any desired thickness, its resistance to corrosion can be much greater than that of the hot-dip coating. In the "as-sprayed" condition, however, the adherence of the sprayed-zinc coatings is inferior, since it depends upon a purely mechanical bond between the zinc and the steel. During bending or rough handling, the coating is especially prone to cracking and to flaking-off at the interface. Also, like some metallized coatings, zinc, because of its low fuming temperature, cannot be flame-fused to the steel base in order to improve adherence.



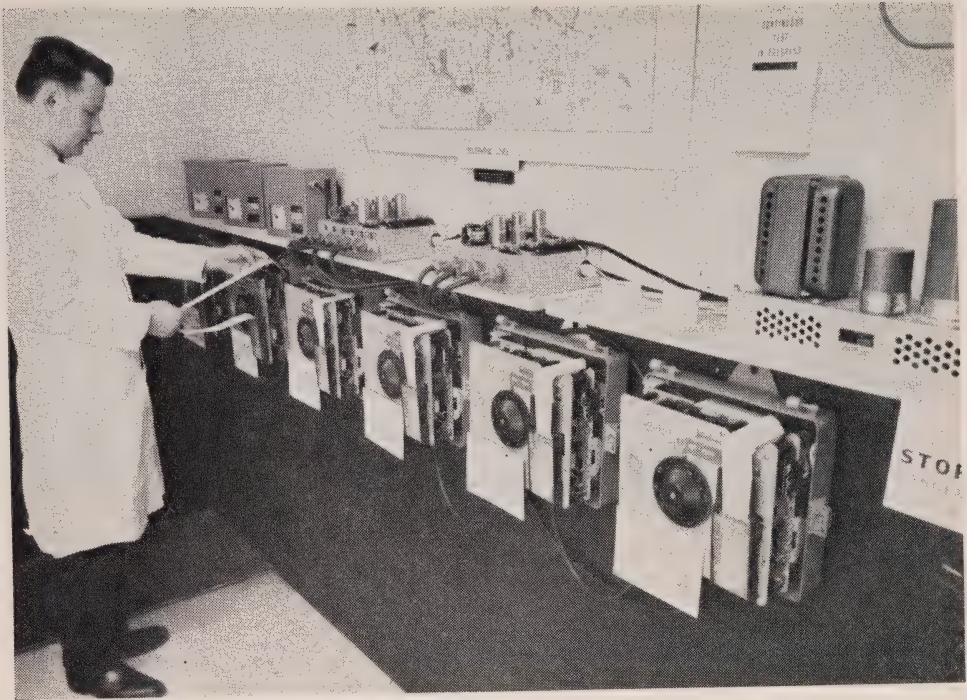
Improvement has been achieved in the adherence of sprayed zinc coatings by the use of an induction-heating process to create a fused bond between the coating and the steel base. The specimens on the upper and lower left are unfused, and those on the right are fused. The specimen on the lower left was bent until first cracking was observed, and then prised with a knife for 10 seconds. The specimen on the lower right was similarly bent and then prised for five minutes.

Investigation of the problem in the laboratory resulted in development of a technique which produces a fused bond at the coating interface by rapid electric induction heating of the steel base. This treatment results in a diffusion band of zinc-iron alloy at the interface, similar to that produced by the hot-dip method. The substantial increase in coating adherence that results from the induction-heating method has been demonstrated by bending and knife-prising tests on small steel sections. Some of the results of these tests are shown at the left.

From the commercial standpoint, the process appears to be suited for use in conjunction with automatic spraying of long forms of uniform sections such as structural members.

Use of X-ray Methods to Measure Retained Austenite in Steel

Retained austenite has detrimental effects on the properties of steel because it is unstable and may transform slowly to a brittle martensite phase after heat treatment. This transformation results in a substantial increase in volume and the development of residual stresses within a brittle structure. The laboratory, however, has successfully applied X-ray methods to the determination of retained austenite in steel, thus making available valuable information for quality control and contributing towards a reduction in the incidence of service failures.



The equipment shown is for receiving via telephone lines information on the heat requirements of several centrally heated residences. A new method developed for measuring these requirements can be used to provide more reliable information than was previously available on the heating demand of a house over an entire heating season.

Safety Studies of Transport and Work Equipment

In continuing efforts to improve the verification of the safe-load capacity of transport and work equipment, a standard procedure has been developed for testing the truck-mounted aerial-bucket devices used for lifting men and equipment in line and forestry work. The procedure relates the performance parameters for these machines to the proposed Canadian Standards Association code for aerial-bucket devices. Sufficient pertinent information was accumulated for an analysis which will serve as a guide to chassis selection and mounting position. This analysis has already indicated a need for lock-outs for the front-axle springs on some vehicle configurations, and as a result experimental lock-outs have been manufactured and put into service. It may also lead to economic advantages in the selection of vehicles required to support aerial-bucket devices. Studies of crane stability were extended to include hydraulic cranes, for which demand is growing steadily, and which involve several factors not found in conventional cranes. Computer programs were used to determine the effect of slewing and acceleration loads on the basic stability of these units.

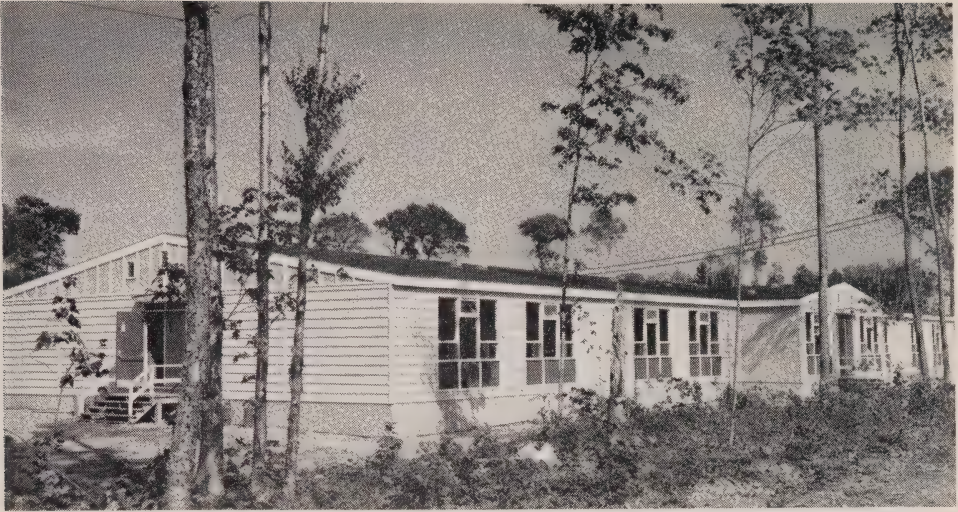
As a consequence of service failures in radial-boom derricks, non-destructive tests were made to determine the integrity of welded booms. Defects found among derricks in use included casting defects, doubtful welds, and fatigue cracks. Assistance was provided to the manufacturers in the development of structural modifications to overcome the inherent weaknesses of some designs.

SECTION VI

STAFF RELATIONS

AN EVENT unprecedented in the Commission's relations with construction union personnel occurred on May 1 when the Allied Construction Council, representing 3,000 field construction employees, initiated the first major strike in the Commission's history. The work stoppage, following nine months of unsuccessful bargaining effort, was to bring a billion-dollar construction program virtually to a halt for 11 weeks. It continued to complicate and delay progress until the end of the year, since up to that time no settlement had been reached with the United Association of Journeymen and Apprentices of the Plumbing and Pipe-fitting Industry.

Under the pressures arising from the strike, the Commission was deeply conscious of the serious consequences of any delay in providing facilities for the production and distribution of power. It was equally aware, however, of its wider social responsibility to resist any change in policy which for the sake of expediency would result in the erosion of basic principles governing its corporate behaviour. At no time were wages an issue, and the Commission, without compromising these basic principles, succeeded in negotiating agreements with all but two of the unions by mid August. One of these two, the International Association of Bridge, Structural and Ornamental Ironworkers, subsequently agreed to a settlement on November 1. The Association of the Plumbers and Pipefitters, however, persisted in its



The school at Chub Lake with eight classrooms, a kindergarten, and a "gymnasium" was opened in September 1967. Ontario Department of Education reports indicate that it is offering facilities and instruction of an unusually high calibre to the children of those members of the Commission's staff engaged in construction at the Mississagi River projects. In its second year of operation beginning in September 1968, the school will have an enrolment of approximately 150 children and a staff of nine.

demand for restrictive provisions in its contract that would require the Commission, in its purchase practices and in contracting work out, to deal only with manufacturers or other employers having union agreements with the Plumbers and Pipefitters Association, and would also require that all piping of two-inch diameter or less be fabricated on the site as a restriction on the off-site factory assembly or fabrication of goods. The Association further stipulated that supervisory foremen should become members of the Association and part of the bargaining unit, although the certification practices of the Ontario Labour Relations Board specifically exclude supervisory foremen from union jurisdiction. The Commission's position of resistance to these demands was recognized and confirmed in the terms of settlement that ended the strike on January 2, 1968.

There were no major changes in 1967 affecting the main body of the Commission's employees engaged in operations, maintenance, clerical, and technical activities. Those represented by the Ontario Hydro Employees Union (CUPE-CLC) have a two-year agreement expiring March 31, 1968, and the operating employees at two thermal-electric stations in Toronto and Windsor concluded an agreement which will run to mid 1968. Negotiations will be required in 1968 for the renewal of agreements with all 16 agencies now collectively representing Commission employees.

During 1967, the Commission made representations before the Rand Royal Commission on Labour Relations and other boards of enquiry. Notwithstanding the difficulties in collective bargaining and the problems arising from the prolonged construction strike, it also worked closely with the unions in joint union-management studies leading to the resolution of many problems.



NEW TRAINING CENTRE

In this centrally located common room of the new Ontario Hydro Training Centre, those participating in concentrated and sometimes strenuous seminars or training sessions meet in comfortable surroundings and an atmosphere of creative relaxation.

The average number employed throughout 1967 as regular staff was 13,047, up 4.8 per cent from 12,451 in 1966, while the average number of temporary staff rose by 23.8 per cent from 2,910 to 3,604. The combined total was up 6.5 per cent from 15,361 to 16,651.

While the Commission's total staff is still well below the most recent high of 19,597 reached in 1957, it continued in reaching 16,651 during 1967 to follow an upward trend re-established in 1964. In the years between 1957 and 1964, following the phasing out of the frequency standardization operations, the total had steadily declined with the introduction of improvements in techniques and equipment, and the changes in organization that enabled a smaller staff to carry out an increasing volume of work as demands for electricity grew. The benefits of these improvements still accrue, but they tend to be obscured by the requirement of an expanding work load and the increasing complexity of the systems.

More people are required for the planning, design, and construction of major extensions to the power networks. A continuously larger portion of the power is being provided from large coal-fired thermal-electric generating stations and will eventually be provided from nuclear-fuelled thermal-electric stations. These stations require larger staffs than the less complicated hydro-electric stations, many of which are now operated by supervisory control from remote points. Other heavy demands for staff arose from the development and operation of sophisticated information systems which process commercial, operating, and engineering data for the more efficient and economical operation of the whole enterprise. The result has been a continued growth in the proportion of those on the staff with professional qualifications or advanced technical training. This proportion has risen from 25 per cent in 1960 to 30 per cent in 1967.

Recruitment at Canadian and overseas universities resulted in the engagement during 1967 of 78 engineering graduates for training prior to appointment to regular positions. In addition, 123 experienced engineers were engaged and 47 other persons with particular qualifications were appointed either to fill managerial positions or to train for them.

Through manpower resource planning, training, and recruitment within the organization, methods are being continuously improved for dealing with staff vacancies arising from retirement, illness, and death, as well as from other causes.

Labour relations difficulties delayed completion of the new training centre near Orangeville until February 1968. There is already heavy demand for the use of the new facilities. During 1967, courses were offered at the Niagara Falls Conference and Development Centre for 1,000 trades, operating, technical, and clerical employees. In addition, over 800 other employees attended conferences, seminars, and training sessions conducted at various locations by the Commission's staff.

In its role as citizen of the wider national and commonwealth communities, Ontario Hydro has collaborated with Atomic Energy of Canada Limited in the training of personnel in the operation of nuclear-electric stations both in Canada and abroad. Under the Colombo Plan, 16 persons temporarily attached to the



ONTARIO HYDRO TRAINING CENTRE

A typical group works out a problem co-operatively in one of the well-appointed group conference rooms where facilities and surroundings combine to stimulate concentration and combined effort.

Commission's staff were given technical advice and assistance. These persons came from Brazil, India, Jamaica, Pakistan, and Thailand.

Most of the members of the Commission's staff who left Canada in 1964 to assist in the commissioning and initial operation of the Volta River Power Project in Ghana have now returned. Others are now in Nigeria providing assistance in the extension of the electric-power system there. The average number of Ontario Hydro employees on assignments abroad during 1967 was fifteen.

Accident Prevention

A major challenge of the accident prevention program is how to maintain employee interest and concern in the program, when because of its very success the program seems to lose its importance. For this reason, special effort was directed during 1967 to training supervisors in methods of making safety meetings more effective.



MOUNTAIN CHUTE GENERATING STATION — Early in March 1967, the level of the Madawaska River was lowered sufficiently to permit divers to clear debris surrounding the concrete plug, which was then lying on the river bed prior to being placed in position.

The previous all-time low of 9, established in 1966 for the frequency rate of disabling injuries per million man-hours worked, was maintained. The severity rate of 1,100 per million man-hours worked was considerably affected by three fatal accidents, but it compares favourably with 1,400 per million man-hours worked in 1966, which in turn reflects the experience of five fatal accidents. It is also an improvement over the 1,300 average for the preceding five years.

With a view to improving performance in the safe handling of motor vehicles, a program was undertaken during the latter part of 1967 for the retraining in defensive driving techniques of all drivers of Commission vehicles. The low of 10 recordable accidents per million miles driven established in 1963 has not been improved upon, but it has been consistently maintained for five successive years.

Medical Services

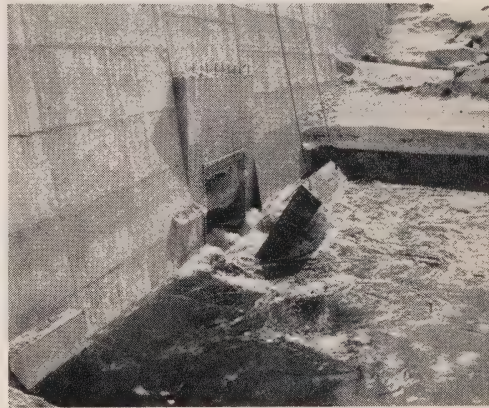
The maintenance of good health among the staff is most important. The implications of this function range from surveillance of water supplies and sewage disposal facilities at operating and construction sites to advice on issues related to air

pollution, noise, lighting, insect control, radiation, and any number of other industrial hygiene and toxicology problems.

New female employees, and new male employees in jobs other than those requiring heavy physical exertion are no longer required to have pre-employment physical examinations. The submission of a newly devised report by these employees provides adequate useful information at considerable saving to the Commission.

A physician and associated medical staff have been moved into the Mississagi River projects in two well-equipped trailer clinics, one at the residential community at Chub Lake and one at Aubrey Falls. Rather than construct a new hospital for these projects, the Commission has entered into an arrangement to subsidize the modernization and expansion of the Red Cross Community Hospital at Thessalon.

MOUNTAIN CHUTE GENERATING STATION — The 100-ton concrete plug was first raised from the river bed by heavy cables and then eased into place by the force of the river flow, raised to about 2,000 cubic feet per second by the opening of sluices in a dam up stream from the station site.



As a pioneer in the development of nuclear power in Canada, the Commission has been called upon not only to provide for its own rapidly expanding radiation-protection program, but also, at the behest of Atomic Energy of Canada Limited to offer training and assistance to other agencies both in Canada and from abroad. Because there are so few qualified health physicists available, the Commission is recruiting suitable science graduates both within and outside its own organization and training them.

The general health of the staff continued during 1967 to be good.

Pension and Insurance Fund

A statement of assets held in trust by the Commission for the Pension and Insurance Fund is included in this Section of the Report.

During the year pension allowances were increased for pensioners, or for widows of deceased pensioners, who had retired prior to the improvements in the Pension and Insurance Plan introduced in 1962 and 1966.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
PENSION AND INSURANCE FUND

STATEMENT OF ASSETS
as at December 31, 1967

Investments	\$
Bonds and stocks—	
Federal and Provincial government and government-guaranteed bonds (par value \$135,246,000).....	132,953,964
Corporation bonds (par value \$31,062,000).....	30,975,552
Stocks.....	32,083,222
Total bonds and stocks (approximate market value \$173,408,000).....	196,012,738
First mortgages on real estate.....	19,358,633
Real property leased to others.....	391,560
Total investments.....	215,762,931
Cash and interest-bearing bank deposits.....	1,041,606
Accrued interest.....	2,240,476
	219,045,013
Receivable from The Hydro-Electric Power Commission of Ontario.....	4,338,359
	<u>223,383,372</u>

NOTES

1. The most recent actuarial valuation of the pension plan as at December 31, 1964, indicated that the plan was fully funded. In 1965, 1966 and 1967, contributions have been made on a basis considered appropriate by the actuary.
2. In the above statement, bonds are included at amortized cost, stocks at cost, first mortgages on real estate at balance of principal outstanding, and real property at cost less amortization.

AUDITORS' REPORT

We have examined the statement of assets of The Hydro-Electric Power Commission of Ontario Pension and Insurance Funds as at December 31, 1967. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion the accompanying statement presents fairly the assets of the fund as at December 31, 1967.

Toronto, Canada,
April 24, 1968.

CLARKSON, GORDON & CO.
Chartered Accountants.

APPENDIX I—OPERATIONS

THE TABLE of power resources and requirements on pages 92 and 93 gives for each system and in total the primary peak requirements for the month of December, and the dependable capacity of the Commission's resources at that time. A separate table on the two preceding pages gives the December dependable capacity and maximum output of the major Commission-owned stations and the major sources of purchased power. In any comparison of total requirements and resources, allowance should be made for that part of total requirements which may be interrupted over the peak period in accordance with contract terms accepted by the customer. In 1967 this was in the order of 260 megawatts.

The dependable capacity of a hydro-electric generating station is the output which the station is estimated to be capable of producing 98 percent of the time on the basis of an analysis of historical stream-flow conditions. It can be expected to exceed this capacity, therefore, in forty-nine out of fifty years. Furthermore, the Commission's generating stations are distributed across the Province on so many widely separated watersheds that all would not be simultaneously affected by low stream flows. The total hydro-electric generating capacity of the system is for this reason estimated to be greater than the sum of the individual station capacities by an allowance for this diversity. The dependable peak capacity of a thermal-electric station is the net output of its fully commissioned units, but units in a fairly advanced stage of commissioning are occasionally included at a conservatively estimated proportion of their rated capacity. In any event, the margin of reserve capacity is conservatively measured both in the calculation of requirements and in the calculation of capacity.

Statistics on peak loads and capacities are given in the Report in kilowatts, but they may be conveniently converted to horsepower on the basis that one horsepower is equivalent to approximately 0.746 kilowatts.

The Analysis of Energy Sales on pages 94 and 95 shows how the kilowatt-hours made available by the Commission and the associated municipal utilities were distributed to the various classes of ultimate customers or to interconnected systems. The table on Disposal of Energy by the Commission reconciles these figures with System primary energy requirements and the total energy generated and purchased by the Commission.

THE COMMISSION'S POWER RESOURCES—1967

		Dependable Capacity *	Maximum Output *	Annual Energy †
		kw	kw	kwh
East System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Niagara	‡Sir Adam Beck—Niagara No. 1.....	420,000	453,800	3,012,134,120
	Sir Adam Beck—Niagara No. 2.....	1,287,000	1,248,000	8,377,826,600
	Pumping-Generating Station.....	108,000	120,000	146,036,500
	**Ontario Power.....		105,000	99,147,000
	**Toronto Power.....		80,000	23,370,000
Welland	DeCew Falls No. 1.....	31,000	31,500	131,165,860
Canal	DeCew Falls No. 2.....	124,000	141,000	975,762,800
	Adjustment to Niagara River stations to compensate for use of water by Ontario Hydro rather than by another producer.....	75,000		
St. Lawrence	Robert H. Saunders—St. Lawrence.....	614,000	895,000	6,349,985,000
Ottawa	Des Joachims.....	371,000	372,000	2,563,687,400
	Otto Hoiden.....	193,000	222,000	1,342,878,400
	Chenaux.....	115,000	119,800	823,433,400
	Chats Falls (Ontario half).....	77,000	85,000	608,606,400
Madawaska	Mountain Chute.....	165,000	146,000	66,467,800
	Stewartville.....	65,000	65,000	328,674,500
	Barrett Chute.....	42,000	41,500	197,873,200
Abitibi	‡Abitibi Canyon.....	226,000	226,000	1,575,804,500
	Otter Rapids.....	177,000	171,000	847,628,000
Mississagi	George W. Rayner.....	46,000	47,000	315,611,010
	Red Rock Falls.....	40,000	42,120	206,759,000
Mattagami	Kipling.....	142,000	139,000	646,847,000
	Little Long.....	125,000	129,000	585,954,000
	Harmon.....	125,000	139,000	676,101,000
	Other hydro-electric generating stations.....	151,000	145,392	1,044,931,323
	Diversity—Adjustment due to difference between the calculation of capacity on an individual plant basis and for the system as a whole.....	42,000		
	Total hydro-electric—East System.....	4,611,000		30,654,611,813
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Windsor	J. Clark Keith.....	255,000	239,000	758,725,900
Toronto	Lakeview.....	1,440,000	1,419,000	7,704,753,000
	Richard L. Hearn.....	1,193,000	1,152,500	4,336,297,300
Rolphton	—Nuclear Power Demonstration.....		24,900	77,056,000
	Combustion Turbines.....	288,000	269,600	23,424,769
	Total thermal-electric—East System.....	3,176,000		12,900,256,969
	Total generated—East System.....	7,787,000		43,554,868,782

THE COMMISSION'S POWER RESOURCES—1967

		Dependable Capacity *	Maximum Output *	Annual Energy †
		kw	kw	kwh
East System—Continued				
<i>Sources of Purchased Power</i>				
Atomic Energy of Canada Ltd.—Douglas Point.....			167,000	66,042,616
Detroit Edison Company.....			115,000	637,931,600
‡Niagara Mohawk Power Corporation.....			267,000	1,343,868,000
**Canadian Niagara Power Company.....			20,000	546,000
Power Authority of the State of New York.....			272,000	523,284,000
‡Quebec Hydro-Electric Commission.....	348,000	628,700	3,099,385,400	
Maclaren Quebec Power Company.....	93,000	108,000	764,281,000	
Ottawa Valley Power Company.....	77,000	85,000	609,792,600	
‡Abitibi Paper Company Limited.....		42,700	43,642,496	
Great Lakes Power Corporation Limited.....	3,000	2,985	82,761,703	
Miscellaneous (relatively small suppliers).....	1,500	29,420	19,485,772	
Total purchased—East System.....	522,500			7,191,021,187
West System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Nipigon	Pine Portage.....	115,200	120,000	709,508,000
	Cameron Falls.....	76,400	74,500	478,520,000
	Alexander.....	62,000	64,300	380,265,000
English	Caribou Falls.....	75,700	78,000	474,964,000
	Manitou Falls.....	60,000	66,000	344,100,800
Kaministiquia	Silver Falls.....	45,600	46,000	192,412,000
Winnipeg	Whitedog Falls.....	52,600	70,000	417,177,000
Aguasabon	Aguasabon.....	46,100	45,900	313,489,380
	Other hydro-electric generating stations.....	34,800	39,000	230,380,600
Diversity—Adjustment due to difference between the calculation of capacity on an individual plant basis and for the system as a whole.....		17,400		
Total hydro-electric—West System.....	585,800			3,540,816,780
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Fort William	Thunder Bay.....	100,000	45,500	93,436,000
Total generated—West System.....	685,000			3,634,302,780
<i>Sources of Purchased Power</i>				
Manitoba Hydro-Electric Board.....			51,000	234,290,587
Ontario-Minnesota Pulp and Paper Company Limited.....			12,000	770,000
Total purchased—West System.....				235,060,587
Total generated.....	8,472,800			47,189,171,562
Total purchased.....	522,500			7,426,081,774
Total generated and purchased.....	8,995,300			54,615,253,336

*The power capacity and output reported in this table are the 20-minute peaks for the month of December. Since the various maximum outputs do not coincide, their sum is not the peak load of the system.

†Net output of generating stations and total received from supplier.

**25-cycle.

‡25- and 60-cycle.

POWER RESOURCES AND REQUIREMENTS

	EAST SYSTEM			
	1966 kw	1967 kw	Net Increase kw %	
Dependable Peak Capacity				
Generated—Hydro-Electric.....	4,526,350	4,611,000	84,650	1.9
Thermal-Electric.....	2,737,000	3,176,000	439,000	16.0
Total Generated.....	7,263,350	7,787,000	523,650	7.2
Purchased.....	521,500	522,500	1,000	0.2
Total Generated and Purchased.....	7,784,850	8,309,500	524,650	6.7
Reserve or <i>Deficiency</i>	243,205	91,575	151,630	62.3
*Primary Power Requirements.....	8,028,055	8,401,075	373,020	4.6
Ratio of Reserve or <i>Deficiency</i> to Requirements %.....	3.0	1.1	.....	.....

*The capacities shown are those available for a 20-minute period at the times of system primary peak demand in December, the capacity of purchased power sources being based on the terms of the purchased contract. Requirements shown are the December coincident peaks for each system and their arithmetical sum. Some part of East System requirements is subject to interruption over the peak period in accordance with contract terms accepted by customers, the total possible load subject to interruption at the time of the 1967 peak being 263,000 kw.

Energy Made Available by the Commission

	1966		1967		Increase or Decrease
	kwh		kwh		per cent
EAST SYSTEM					
Generated (net)					
Hydro-electric.....	29,530,577,347		30,654,611,813		3.8
Thermal-electric and combustion-turbine....	10,381,531,740		12,900,256,969		24.3
Total Generated.....	39,912,109,087		43,554,868,782		9.1
Purchased.....	7,669,404,236		7,191,021,187		6.2
Primary.....		44,462,493,025		47,561,858,842	7.0
Secondary.....		3,119,020,298		3,184,031,127	2.1
Total.....	47,581,513,323	47,581,513,323	50,745,889,969	50,745,889,969	6.7
WEST SYSTEM					
Generated (net)					
Hydro-electric.....	4,128,693,170		3,540,816,780		14.2
Thermal-electric.....	8,045,000		93,486,000		1062.0
Total Generated.....	4,136,738,170		3,634,302,780		12.1
Purchased.....	34,680,359		235,060,587		578.0
Primary.....		3,593,178,724		3,795,110,329	5.6
Secondary.....		578,239,805		74,253,038	87.2
Total.....	4,171,418,529	4,171,418,529	3,869,363,367	3,869,363,367	7.2
TOTAL					
Generated (net)					
Hydro-electric.....	33,659,270,517		34,195,428,593		1.6
Thermal-electric and combustion-turbine....	10,389,576,740		12,993,742,969		25.1
Total Generated.....	44,048,847,257		47,189,171,562		7.1
Purchased.....	7,704,084,595		7,426,081,774		3.6
Primary.....		48,055,671,749		51,356,969,171	6.9
Secondary.....		3,697,260,103		3,258,284,165	11.9
Total	51,752,931,852	51,752,931,852	54,615,253,336	54,615,253,336	5.5

DECEMBER 1966 AND 1967

WEST SYSTEM				TOTAL			
1966 kw	1967 kw	Net Increase kw %		1966 kw	1967 kw	Net Increase kw %	
585,800	585,800	.....	....	5,112,150	5,196,800	84,650	1.7
93,000	100,000	7,000	7.5	2,830,000	3,276,000	446,000	15.8
678,800	685,800	7,000	1.0	7,942,150	8,472,800	530,650	6.7
.....	.....	.....	....	521,500	522,500	1,000	0.2
678,800	685,800	7,000	1.0	8,463,650	8,995,300	531,650	6.3
141,390	123,080	18,310	12.9	.....	.....	.....	....
537,410	562,720	25,310	4.7	8,565,465	8,963,795	398,330	4.7
26.3	21.9	.....	....	.....	.....	.....	....

DISPOSAL OF ENERGY BY THE COMMISSION
1967

	PRIMARY	SECONDARY	TOTAL
Sales to Municipalities.....	30,534,238,494x	.....	30,534,238,494
Sales to Direct Customers.....	11,071,970,116	65,819,688	11,137,789,804
—Interconnected Systems.....	63,554,540x	3,078,223,250	3,141,777,790
	41,669,763,150	3,144,042,938	44,813,806,088
Retail Sales			
In Towns and Villages.....	281,791,600	.....	281,791,600
In Rural Areas.....	4,887,206,300	.....	4,887,206,300
To Special Customers.....	694,627,217	20,410,648	741,928,182
—Interconnected Systems.....	26,890,317 } x		
	5,890,515,434	20,410,648	5,910,926,082
Total Commission Sales.....	47,560,278,584	3,164,453,586	50,724,732,170
Distribution Losses and Unaccounted for.....	461,699,060	.....	461,699,060
Transmission Losses and Unaccounted for.....	3,334,991,527*	93,830,579*	3,428,822,106
Total Primary Demand and Secondary Load Carried..	51,356,969,171	3,258,284,165	54,615,253,336

*The apportioning of transmission losses to primary and secondary loads is estimated.

xThese kilowatt-hours of primary energy amounting in total to 30,624,683,351 were delivered for resale.

ANALYSIS OF
by the Commission and Associated

	SALES BY ASSOCIATED MUNICIPAL ELECTRICAL UTILITIES LISTED IN STATEMENT A
	kwh
Ultimate use:	
Residential service.....	10,634,265,804
Summer service.....	.....
Total sales residential-type service.....	10,634,265,804
Commercial service.....	6,360,622,242
Industrial power service—primary.....	12,569,319,713
—secondary.....	.....
Farm.....	.....
Street Lighting.....	387,610,800
Unclassified as to ultimate use:	
To interconnected systems for resale—primary.....	.....
—secondary.....	.....
Total sales to ultimate customers and for resale.....	29,951,818,559
Adjustments:	
Distribution losses and unaccounted for—M.E.U.....	1,075,392,273
Generated by M.E.U. listed in Statement A.....	248,438,591
Purchased by M.E.U. listed in Statement A from sources other than the Commission.....	244,533,747
Commission sales to municipalities and to direct and retail customers	30,534,238,494
Distribution losses and unaccounted for—Commission.....	.....
Transmission losses and unaccounted for—Commission.....	.....
Generated and purchased by the Commission.....	.....

*For administrative purposes classified with retail sales.

ENERGY SALES

Municipal Electrical Utilities during 1967

SALES BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO				Total
To Retail Customers			To Direct Customers	
In Certain Towns and Villages Served by Commission Distribution Facilities	In Rural Areas	Special*		
kwh	kwh	kwh	kwh	kwh
162,560,900	1,797,122,700	.....	.....	12,593,949,404
.....	148,971,200	.....	.....	148,971,200
162,560,900	1,946,093,900	.....	.....	12,742,920,604
89,887,100	515,704,600	.....	.....	6,966,213,942
24,993,300	1,071,004,500	694,627,217	11,071,970,116	25,431,914,846
.....	.....	20,410,648	65,819,688	86,230,336
.....	1,332,360,300	.....	.....	1,332,360,300
4,350,300	22,043,000	.....	.....	414,004,100
.....	.....	26,890,317	63,554,540	90,444,857
.....	.....	.....	3,078,223,250	3,078,223,250
281,791,600	4,887,206,300	741,928,182	14,279,567,594	50,142,312,235
.....	.....	.....	.....	1,075,392,273
.....	.....	.....	.....	248,438,591
.....	.....	.....	.....	244,533,747
281,791,600	4,887,206,300	741,928,182	14,279,567,594	50,724,732,170
24,912,935	436,786,125	.....	.....	461,699,060
.....	.....	.....	.....	3,428,822,106
.....	.....	.....	.....	54,615,253,336

TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS

Voltage and Structure	Line Route or Structure Miles		Circuit Miles	
	At Dec. 31, 1966	At Dec. 31, 1967	At Dec. 31, 1966	At Dec. 31, 1967
EAST SYSTEM				
500,000-volt aluminum tower.....	76.01	76.01	76.01	76.01
500,000-volt steel tower.....	359.51	359.51	359.51	359.51
345,000-volt steel tower.....	2.50	2.50	2.50	2.50
230,000-volt steel tower.....	3,327.72	3,365.87	4,420.84	4,503.80
230,000-volt wood pole.....	252.01	252.01	252.01	252.01
230,000-volt underground.....	1.32	1.32	2.64	2.64
115,000-volt steel tower.....	1,976.30	1,912.38	3,280.74	3,215.66
115,000-volt wood pole.....	1,800.65	1,821.12	1,811.15	1,832.34
115,000-volt underground.....	36.24	40.01	69.47	74.32
60,000-volt steel tower.....	11.20	11.20	12.33	12.33
60,000-volt wood pole.....	3.31	3.31	3.31	3.31
44,000-volt and less, wood and steel...	6,265.94	6,400.54	6,732.86	6,865.86
Total—East System.....	14,112.71	14,245.78	17,023.37	17,200.29
WEST SYSTEM				
115,000-volt steel tower.....	424.15	424.15	628.05	628.05
115,000-volt wood pole.....	917.23	917.32	917.23	917.32
69,000-volt wood pole.....	203.72	203.72	203.72	203.72
44,000-volt and less, wood pole.....	528.15	501.24	569.50	542.59
Total—West System.....	2,073.25	2,046.43	2,318.50	2,291.68
Total—East and West Systems.....	16,185.96	16,292.21	19,341.87	19,491.97

APPENDIX II—FINANCIAL

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**FIXED
for the Year Ended**

	IN		
	Balance December 31, 1966	Changes	
		Placed in Service	Relocated and Reclassified
	\$	\$	\$
Power Supply Facilities			
GENERATING STATIONS			
Thermal-Electric—			
Conventional.	357,173,978	40,959,006	721,042
Nuclear.	1,826,744	.....	.....
Combustion-turbine.	13,678,913	17,935,150	81,920
Total Thermal-Electric.	372,679,635	58,894,156	802,962
Hydro-Electric.	1,367,260,611	32,321,625	204,547
Total Generating Stations.	1,739,940,246	91,215,781	1,007,509
TRANSFORMER STATIONS.	330,039,002	23,899,386	1,014,542
TRANSMISSION LINES.	367,755,000	11,599,031	65,847
COMMUNICATION EQUIPMENT.	15,472,703	483,498	777,468
RETAIL DISTRIBUTION PLANT AND EQUIPMENT.	342,039,430	21,404,160	107,646
Total Power Supply Facilities.	2,795,246,381	148,601,856	742,702
Administrative and Service Land, Buildings, and Equipment			
LAND AND BUILDINGS.	33,857,524	2,313,937	.....
OFFICE AND SERVICE EQUIPMENT.	59,108,625	13,969,171	742,702
Total Administrative and Service Land, Buildings and Equipment.	92,966,149	16,283,108	742,702
TOTAL FIXED ASSETS.	2,888,212,530	164,884,964	.....

ASSETS

December 31, 1967

SERVICE		UNDER CONSTRUCTION DECEMBER 31, 1967	TOTAL FIXED ASSETS DECEMBER 31, 1967	EXPENDITURES DURING 1967
during Year	Balance December 31, 1967			
Retired				
\$	\$	\$	\$	\$
119,400	398,734,626	183,380,894	582,115,520	95,188,254
.....	1,826,744	34,137,836	35,964,580	19,576,697
.....	31,695,983	4,928,184	36,624,167	6,423,351
119,400	432,257,353	222,446,914	654,704,267	121,188,302
585,573	1,399,201,210	37,789,563	1,436,990,773	33,701,183
704,973	1,831,458,563	260,236,477	2,091,695,040	154,889,485
1,651,209	351,272,637	24,449,756	375,722,393	30,127,816
2,931,993	376,356,191	31,485,119	407,841,310	26,774,490
1,620,914	13,557,819	779,077	14,336,896	825,628
5,106,858	358,444,378	2,864,449	361,308,827	22,280,342
12,015,947	2,931,089,588	319,814,878	3,250,904,466	234,897,761
116,705	36,054,756	4,694,380	40,749,136	3,279,647
4,270,339	69,550,159	.....	69,550,159	13,969,171
4,387,044	105,604,915	4,694,380	110,299,295	17,248,818
16,402,991	3,036,694,503	324,509,258	3,361,203,761	252,146,579

Disposition of Fixed Assets Retired during 1967

Cost of fixed assets retired	\$16,402,991
Deduct	
Proceeds from sales	\$3,109,937
Charges to operations	223,003
Charges to plant under construction	81,710
	<u>3,414,650</u>
Net charge to accumulated depreciation	<u>\$12,988,341</u>

ACCUMULATED DEPRECIATION
for the Year Ended December 31, 1967

	POWER SUPPLY FACILITIES		ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT	TOTAL
	Generation, Transformation, Transmission, and Communications	Retail Distribution		
	\$	\$	\$	\$
Balances at December 31, 1966.....	355,396,242	100,276,448	38,788,626	494,461,316
Add				
Provision in the year:				
Charged directly to operations.....				49,777,989
Charged to various overhead accounts...	37,177,093	12,600,896	.....	6,921,133
Transfers.....	18,754	.....	6,902,379	.....
Excess of salvage recover- ies over removal costs on assets retired	568,734	38,583	530,151	.....
Other adjustments.....	930,943	162,564	8,549	1,084,958
	316,677	92,258	51	408,986
	393,270,975	113,170,749	46,212,658	552,654,382
Deduct				
Cost of fixed assets re- tired less proceeds from sales.....	5,008,676	4,568,512	3,411,153	12,988,341
Balances at December 31, 1967.....	388,262,299	108,602,237	42,801,505	539,666,041

FREQUENCY STANDARDIZATION ACCOUNT
for the Year Ended December 31, 1967

	\$
Balance at December 31, 1966.....	119,657,901
Add interest for the year.....	4,389,062
	124,046,963
Deduct amortization charged to cost of power.....	14,374,239
Balance at December 31, 1967.....	109,672,724

BONDS PAYABLE AS AT DECEMBER 31, 1967

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1967
PAYABLE IN CANADIAN FUNDS— <i>Guaranteed as to principal and interest by the Province of Ontario:</i>				
			%	\$
Jan. 15, 1968	Jan. 15, 1966	July 15, 1949	3	41,296,500
Apr. 15, 1968	Apr. 15, 1966	Apr. 15, 1952	4	31,335,000
Oct. 1, 1968	Oct. 1, 1965	Oct. 1, 1947	2 $\frac{3}{4}$	19,213,000
July 1, 1969	.....	July 1, 1959	5 $\frac{3}{4}$	11,510,500
July 15, 1969	July 15, 1966	July 15, 1953	4 $\frac{1}{4}$	25,788,000
July 15, 1969	July 15, 1966	July 15, 1953	4 $\frac{1}{4}$	18,374,000
Nov. 1, 1969	Nov. 1, 1967	Nov. 1, 1949	3	48,518,000
Jan. 1, 1970	.....	Jan. 1, 1930	4 $\frac{3}{4}$	9,111,000
Feb. 15, 1970	.....	Feb. 15, 1960	6	14,705,000
Apr. 1, 1970	Apr. 1, 1968	Apr. 1, 1950	3	52,546,000
June 15, 1970	.....	June 15, 1962	4 $\frac{1}{2}$	10,415,500
July 15, 1970	.....	July 15, 1960	5 $\frac{1}{4}$	4,762,500
Oct. 15, 1970	Oct. 15, 1969	Oct. 15, 1958	4 $\frac{1}{2}$	4,718,000
Feb. 1, 1971	.....	Feb. 1, 1964	5	15,997,000
Feb. 15, 1971	.....	Feb. 15, 1961	5 $\frac{1}{4}$	5,224,000
Mar. 1, 1971	.....	Mar. 1, 1963	5	13,475,000
June 1, 1971	June 1, 1961	June 1, 1946	2 $\frac{3}{4}$	18,034,000
Nov. 15, 1971	.....	Nov. 15, 1961	4 $\frac{3}{4}$	6,746,500
July 5, 1972	.....	July 5, 1967	6	15,000,000
Sept. 20, 1972	.....	Sept. 20, 1967	6 $\frac{1}{2}$	12,000,000
Mar. 15, 1973	.....	Mar. 15, 1967	5 $\frac{3}{4}$	11,000,000
June 15, 1973	June 15, 1971	June 15, 1950	3	54,300,000
July 15, 1974	July 15, 1972	July 15, 1956	4	47,286,500
Oct. 15, 1974	Oct. 15, 1972	Oct. 15, 1956	4 $\frac{1}{2}$	25,045,500
Aug. 15, 1975	Feb. 15, 1972	Feb. 15, 1957	4 $\frac{3}{4}$	34,064,000
Jan. 15, 1976	Jan. 15, 1974	Jan. 15, 1956	4	45,577,000
Nov. 15, 1976	Nov. 15, 1974	Nov. 15, 1957	5	35,126,000
Jan. 5, 1977	Jan. 5, 1975	Jan. 5, 1967	6 $\frac{1}{4}$	15,000,000
Mar. 1, 1977	Mar. 1, 1975	Mar. 1, 1955	3 $\frac{1}{2}$	39,200,000
Apr. 1, 1977	Apr. 1, 1974	Apr. 1, 1957	5	76,674,000
Mar. 1, 1978	Mar. 1, 1976	Mar. 1, 1958	4 $\frac{1}{2}$	34,492,000
Oct. 15, 1978	Oct. 15, 1976	Oct. 15, 1958	5	48,189,500
May 15, 1979	May 15, 1974	May 15, 1954	3 $\frac{1}{2}$	34,658,000
July 1, 1979	.....	July 1, 1959	5 $\frac{3}{4}$	30,061,000
Oct. 15, 1979	Oct. 15, 1974	Oct. 15, 1954	3 $\frac{1}{2}$	49,945,000
Feb. 15, 1980	Feb. 15, 1978	Feb. 15, 1960	6	27,223,000
July 15, 1980	July 15, 1978	July 15, 1960	5 $\frac{1}{2}$	38,827,000
Feb. 15, 1981	Feb. 15, 1979	Feb. 15, 1961	5 $\frac{1}{2}$	40,852,500
June 15, 1982	June 15, 1979	June 15, 1962	5	34,538,000
Mar. 1, 1983	Mar. 1, 1980	Mar. 1, 1963	5 $\frac{1}{4}$	42,680,000
June 15, 1983	June 15, 1979	June 15, 1963	5	54,183,700
Nov. 15, 1983	Nov. 15, 1980	Nov. 15, 1961	5 $\frac{1}{4}$	41,618,000
Feb. 1, 1984	Feb. 1, 1981	Feb. 1, 1964	5 $\frac{1}{4}$	53,347,600
Oct. 1, 1984	Oct. 1, 1980	Oct. 1, 1964	5 $\frac{1}{4}$	60,974,000
Feb. 1, 1985	Feb. 1, 1981	Feb. 1, 1965	5 $\frac{1}{4}$	73,646,000
July 5, 1987	July 5, 1985	July 5, 1967	6 $\frac{1}{4}$	25,000,000
Jan. 4, 1988	Jan. 4, 1984	Jan. 4, 1966	5 $\frac{3}{4}$	53,015,000
Apr. 15, 1988	Apr. 15, 1984	Apr. 15, 1966	6	49,650,000
July 5, 1988	July 5, 1984	July 5, 1966	6	49,277,000
Jan. 5, 1989	Jan. 5, 1985	Jan. 5, 1967	6 $\frac{1}{4}$	44,750,000
Sept. 20, 1989	Sept. 20, 1985	Sept. 20, 1967	6 $\frac{1}{2}$	28,000,000
Mar. 15, 1990	Mar. 15, 1986	Mar. 15, 1967	6	48,900,000
				1,725,869,800

BONDS PAYABLE AS AT DECEMBER 31, 1967—Concluded

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1967
PAYABLE IN UNITED STATES FUNDS— <i>Held by the Province of Ontario and having terms identical with issues sold in the United States by the Province of Ontario on behalf of the Commission:</i>				
May 15, 1971	May 15, 1956	May 15, 1951	$3\frac{1}{4}\%$	\$ 47,365,000
Sept. 1, 1972	Sept. 1, 1956	Sept. 1, 1951	$3\frac{1}{4}\%$	42,067,000
Feb. 1, 1975	Feb. 1, 1958	Feb. 1, 1953	$3\frac{1}{4}\%$	46,209,000
Nov. 1, 1978	Nov. 1, 1958	Nov. 1, 1953	$3\frac{5}{8}\%$	47,880,000
Mar. 15, 1980	Mar. 15, 1959	Mar. 15, 1954	$3\frac{1}{8}\%$	29,865,000
May 15, 1981	May 15, 1961	May 15, 1956	$3\frac{7}{8}\%$	43,751,000
Feb. 1, 1984	Feb. 1, 1969	Feb. 1, 1959	$4\frac{3}{4}\%$	72,477,000
Sept. 15, 1990	Sept. 15, 1975	Sept. 15, 1965	$4\frac{3}{4}\%$	49,900,000
Apr. 1, 1996	Apr. 1, 1981	Apr. 1, 1966	$5\frac{1}{2}\%$	34,975,000
Apr. 15, 1997	Apr. 15, 1982	Apr. 15, 1967	$5\frac{5}{8}\%$	64,305,000
Dec. 1, 1997	Dec. 1, 1982	Dec. 1, 1967	$6\frac{7}{8}\%$	75,000,000
Deduct portion of issue dated December 1, 1967 to be delivered in 1968				553,794,000 30,425,000
Add exchange premium (net) at date of issue				523,369,000 14,382,033
Total bonds payable				537,751,033 2,263,620,833

Summary of Changes in Bonds Payable during the Year Ended December 31, 1967

Outstanding at December 31, 1966	\$2,128,671,040
Add issues during the year	318,539,194
	2,447,210,234
Deduct redemptions during the year	183,589,401
Outstanding at December 31, 1967	\$2,263,620,833

ADVANCES FROM THE PROVINCE OF ONTARIO AS AT DECEMBER 31, 1967

Annuity bonds repayable to the Province in accordance with the terms of Province of Ontario bonds issued in part for the purposes of the Commission

Date of Maturity	Interest Rate	Balances of Advances Outstanding December 31, 1967 (Payable in Canadian, United States, or Sterling Funds)
	$\%$	\$
May 15, 1968	4	445,984
May 15, 1968-1970	$4\frac{1}{2}$	1,247,266
Jan. 15, 1968-1971	$4\frac{1}{2}$	1,113,910
June 1, 1968-1971	4	1,523,801
Total advances		4,330,961

Summary of Changes in Advances from the Province of Ontario during the Year Ended December 31, 1967

Balance of advances at December 31, 1966	\$5,734,446
Deduct repayments during the year	1,403,485
Balance of advances at December 31, 1967	\$4,330,961

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Acton.....	5,562.0	29,154.1	137,310	13,554	.....	753	16,686
Ailsa Craig.....	482.2	2,227.2	11,904	1,151	1,209	.....	1,446
Ajax.....	10,542.7	58,358.5	260,269	25,690	.....	2,324	.....
Alexandria.....	3,406.9	18,345.4	84,106	8,144	8,058	368	.....
Alfred.....	925.2	4,611.1	22,841	2,209	2,321	.....	.....
Alliston.....	3,647.0	21,658.2	90,034	8,750	7,065	776	.....
Almonte.....*	2,461.3	12,555.2	60,762	5,997	.....	2,641	.....
Alvinston.....	330.3	1,440.3	8,155	789	828	.....	991
Amherstburg.....	4,534.5	28,150.8	111,944	11,050	.....	1,697	13,603
Ancaster Twp.....	2,748.8	14,632.2	67,859	6,564	6,895	.....	8,246
Apple Hill.....	148.8	690.8	3,673	355	373	.....	.....
Arkona.....	319.0	1,622.2	7,875	762	800	.....	957
Arnprior.....	7,033.0	41,829.7	173,624	16,863	14,098	1,346	.....
Arthur.....	1,009.5	5,349.8	24,922	2,411	2,532	238	.....
Athens.....	641.8	3,215.9	15,845	1,533	1,610	.....	.....
Atikokan Twp.....	4,132.4	24,018.9	102,018	9,868	10,365	9,156	.....
Aurora.....	7,893.2	44,995.4	194,860	19,234	.....	2,659	23,680
Avonmore.....	185.9	898.8	4,588	444	466	.....	.....
Aylmer.....	5,042.1	26,785.7	124,476	12,119	8,587	742	15,126
Ayr.....	1,032.1	5,182.8	25,480	2,465	2,589	.....	3,096
Baden.....	1,047.0	5,193.8	25,847	2,522	1,507	64	3,141
Bancroft.....*	1,546.4	6,897.6	38,178	3,693	3,879	.....	.....
Barrie.....	26,676.6	154,560.0	658,569	65,006	.....	.....	.....
Barry's Bay.....	797.4	3,871.8	19,686	1,904	2,000	.....	.....
Bath.....	487.6	2,501.0	12,038	1,164	1,223	.....	.....
Beachburg.....	448.7	2,224.2	11,077	1,093	.....	.....	.....
Beachville.....	2,502.3	15,947.5	61,777	6,097	.....	269	7,507
Beamsville.....	2,347.0	12,846.0	57,941	5,719	.....	9	7,041
Beaverton.....	1,331.0	7,898.2	32,860	3,243	.....	980	.....
Beeton.....	660.8	3,414.6	16,313	1,578	1,657	501	.....
Belle River.....	1,196.9	6,625.2	29,548	2,858	3,002	.....	3,590
Belleville.....	28,832.0	164,581.3	711,780	70,258	.....	2,335	.....
Belmont.....	1,157.5	5,985.3	28,575	2,764	2,903	.....	3,472
Blenheim.....	2,166.6	11,676.0	53,487	5,174	5,434	.....	6,500
Bloomfield.....	574.2	2,711.4	14,176	1,399	.....	.....	.....
Blyth.....	892.1	4,602.9	22,024	2,130	2,238	.....	2,676
Bobcaygeon.....	1,229.5	6,924.0	30,352	2,936	3,084	1,371	.....
Bolton.....	1,670.4	9,428.6	41,238	3,989	4,190	.....	5,011
Bothwell.....	572.1	2,900.8	14,123	1,366	1,435	.....	1,716
Bowmanville.....	9,981.0	55,579.7	246,403	24,322	.....	1,355	.....

*See note 8, page 122.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER Mills per Kwh
					Interim	Actual	
\$	\$	\$	\$	\$	\$	\$	
21,135	80,173	227,341	227,463.48	122.48	26.73	26.47	7.80
2,293	6,125	19,542	19,450.23	91.77	27.53	27.83	8.77
12,207	160,486	436,562	434,779.19	1,782.81	26.17	26.19	7.48
8,875	50,450	142,251	143,343.57	1,092.57	27.33	26.95	7.75
1,069	12,681	38,983	38,708.30	274.70	28.69	28.43	8.45
9,078	59,560	157,107	155,604.53	1,502.47	26.94	26.74	7.25
4,825	34,526	99,101	99,300.61	199.61	26.53	26.24	7.89
2,411	3,961	12,313	11,862.13	450.87	24.58	25.28	8.55
16,985	77,415	198,724	196,400.35	2,323.65	26.64	26.75	7.06
8,053	40,239	121,750	123,200.66	1,450.66	30.08	29.66	8.32
667	1,900	5,634	5,519.85	114.15	24.69	25.11	8.16
1,778	4,461	13,077	13,181.07	104.07	27.59	27.02	8.06
14,954	115,032	306,009	310,194.20	4,185.20	27.72	27.15	7.32
4,079	14,712	40,736	40,004.32	731.68	28.50	25.79	7.61
2,099	8,844	25,733	25,715.29	17.71	26.76	26.32	8.00
11,247	66,052	186,212	189,955.73	3,743.73	29.87	29.09	7.75
15,009	123,736	349,160	346,826.48	2,333.52	28.63	28.57	7.76
392	2,472	7,578	7,654.86	76.86	27.92	27.48	8.43
16,561	73,661	218,150	219,606.26	1,456.26	29.16	28.67	8.14
3,734	14,253	44,149	43,224.12	924.88	28.60	28.97	8.52
5,346	14,283	42,018	41,767.25	250.75	26.67	26.49	8.09
3,253	18,968	61,465	61,058.45	406.55	27.56	27.49	8.91
63,488	425,040	1,085,127	1,078,845.85	6,281.15	24.69	24.75	7.02
1,164	10,647	33,073	32,061.78	1,011.22	28.02	28.13	8.54
1,224	6,878	20,079	19,980.49	98.51	27.06	27.08	8.03
780	6,117	17,507	18,708.75	1,201.75	28.10	25.39	7.87
10,169	43,856	109,337	110,980.31	1,643.31	26.65	26.18	6.86
6,139	35,326	99,897	98,410.97	1,486.03	27.54	27.51	7.78
5,139	21,720	53,664	55,030.31	1,366.31	25.37	24.01	6.79
3,014	9,390	26,425	26,963.51	538.51	26.14	25.79	7.74
3,639	18,219	53,578	52,737.12	840.88	29.38	29.55	8.09
83,618	452,599	1,153,354	1,150,924.89	2,429.11	24.35	24.31	7.01
1,083	16,460	53,091	53,363.83	272.83	31.82	31.65	8.87
8,565	32,109	94,139	93,450.24	688.76	28.66	28.64	8.06
2,166	7,456	20,865	20,444.26	420.74	23.01	23.36	7.70
3,258	12,658	38,468	37,846.69	621.31	28.74	28.94	8.36
2,362	19,041	54,422	53,568.59	853.41	28.15	28.79	7.86
4,585	25,929	75,772	76,359.70	587.70	30.17	29.85	8.04
2,652	7,977	23,965	24,188.44	223.44	28.04	27.95	8.26
29,370	152,844	395,554	400,443.25	4,889.25	24.82	24.33	7.12

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDIZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	\$
Bracebridge.....*	1,177.9	3,396.9	29,080	2,871	.....	.....	.....
Bradford.....	2,432.6	13,720.1	60,054	5,928	.....	.....	.....
Braeside.....	2,031.7	9,147.2	50,157	4,942	470	305	.....
Brampton.....	33,875.1	185,651.2	836,279	82,525	.....	.....	101,625
Brantford.....	60,884.6	354,954.0	1,503,067	148,365	.....	.....	182,653
Brantford Twp.....	9,711.3	54,901.8	239,743	23,557	5,524	8,856	29,134
Brechin.....	163.0	828.6	4,023	389	409	.....	.....
Bridgeport.....	1,420.9	7,639.7	35,078	3,393	3,564	.....	4,262
Brigden.....	314.8	1,433.5	7,772	752	790	.....	944
Brighton.....	2,201.7	11,837.9	54,353	5,366	.....	.....	.....
Brockville.....	21,667.8	123,328.0	534,915	52,800	.....	.....	.....
Brussels.....	740.7	3,678.4	18,285	1,769	1,858	.....	2,222
Burford.....	955.4	4,805.1	23,585	2,281	2,396	.....	2,866
Burgessville.....	270.1	1,126.0	6,667	645	677	253	810
Burk's Falls.....	990.7	4,803.6	24,457	2,414	.....	.....	.....
Burlington.....	55,290.1	316,162.2	1,364,953	134,262	24,076	65,039	165,870
Cache Bay.....	210.6	1,019.1	5,200	513	.....	.....	.....
Caledonia.....	1,396.5	7,849.6	34,476	3,335	3,503	.....	4,189
Campbellford.....*	1,589.9	3,705.2	39,251	3,875	.....	.....	.....
Campbellville.....	178.0	910.5	4,396	425	446	.....	534
Cannington.....	887.0	4,837.2	21,899	2,161	.....	.....	.....
Capreol.....	2,307.8	13,059.7	56,973	5,624	.....	162	.....
Cardinal.....	985.7	5,128.2	24,334	2,354	2,472	.....	.....
Carleton Place.....	3,831.0	21,404.2	94,577	9,195	7,204	203	.....
Casselman.....	934.1	4,453.9	23,061	2,231	2,343	.....	.....
Cayuga.....	660.6	3,508.8	16,309	1,577	1,657	71	1,982
Chalk River.....	595.3	3,368.2	14,698	1,451	.....	.....	.....
Chapleau Twp.....	1,677.3	8,756.0	41,408	4,005	4,207	.....	.....
Chatham.....	32,788.5	181,027.1	809,454	79,900	.....	.....	98,365
Chatsworth.....	317.2	1,585.6	7,830	757	796	.....	.....
Chesley.....	1,504.8	7,982.6	37,149	3,593	3,774	150	.....
Chesterville.....	1,683.6	8,113.1	41,563	4,020	4,223	.....	.....
Chippawa.....	1,808.5	9,882.6	44,646	4,319	4,536	.....	5,425
Clifford.....	454.1	2,439.2	11,211	1,084	1,139	.....	1,362
Clinton.....	2,765.5	14,438.2	68,273	6,739	.....	507	8,296
Cobden.....	762.8	3,787.2	18,832	1,859	.....	.....	.....
Cobourg.....	14,561.9	80,447.7	359,491	35,485	.....	4,547	.....
Cochrane.....	3,796.6	20,950.5	93,727	186	.....	.....	.....
Colborne.....	1,261.1	7,159.2	31,132	3,011	3,163	.....	.....
Coldwater.....	803.9	4,110.4	19,847	1,930	1,513	219	.....

*See note 8, page 122.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER Mills per Kwh
					Interim	Actual	
\$	\$	\$	\$	\$	\$	\$	
565	9,341	40,727	39,760.54	966.46	26.55	26.65	11.99
6,939	37,730	96,773	97,132.35	359.35	24.29	24.28	7.05
2,896	25,155	78,133	77,809.81	323.19	25.82	26.07	8.54
56,400	510,541	1,474,570	1,472,230.93	2,339.07	28.53	28.46	7.94
237,163	976,124	2,573,046	2,571,229.48	1,816.52	26.27	26.23	7.25
17,731	150,980	440,063	441,665.08	1,602.08	30.18	29.77	8.02
931	2,279	6,169	6,260.30	91.30	24.33	23.88	7.45
3,400	21,009	63,906	63,424.90	481.10	30.29	30.20	8.36
1,884	3,942	12,316	12,117.31	198.69	26.10	26.61	8.59
6,084	32,554	86,189	85,908.65	280.35	24.28	24.37	7.28
64,110	339,152	862,757	864,349.70	1,592.70	24.26	24.17	7.00
3,600	10,116	30,650	30,442.25	207.75	27.61	27.73	8.33
3,743	13,214	40,599	40,484.42	114.58	28.79	28.67	8.45
1,124	3,096	11,024	10,963.70	60.30	29.08	29.37	9.79
1,744	13,210	38,337	41,082.40	2,745.40	28.31	25.37	7.98
72,110	869,446	2,551,536	2,535,012.89	16,523.11	30.54	30.44	8.07
1,214	2,803	7,302	7,915.28	613.28	24.55	21.37	7.17
5,474	21,586	61,615	61,594.41	20.59	28.88	28.67	7.85
1,364	10,189	51,951	51,192.70	758.30	26.22	26.27	14.02
838	2,504	7,467	7,459.21	7.79	27.77	27.88	8.20
3,403	13,302	33,959	33,598.06	360.94	23.08	23.29	7.02
5,653	35,914	93,020	92,851.25	168.75	24.76	24.75	7.12
3,851	14,103	39,412	39,631.84	219.84	25.98	25.68	7.69
20,275	58,862	149,766	150,920.13	1,154.13	24.44	23.73	7.00
1,739	12,248	38,144	38,359.97	215.97	28.15	27.73	8.56
2,611	9,649	28,634	28,621.85	12.15	28.67	28.75	8.16
1,117	9,263	24,295	25,691.35	1,396.35	28.00	25.25	7.21
1,497	24,079	72,202	71,811.13	390.87	28.96	28.70	8.25
100,495	497,825	1,385,049	1,373,009.86	12,039.14	27.08	27.07	7.65
1,376	4,360	12,367	12,378.71	11.71	25.48	25.25	7.80
7,789	21,952	58,829	58,577.87	251.13	24.61	24.51	7.37
6,285	22,311	65,832	66,317.18	485.18	26.11	25.86	8.11
5,127	27,177	80,976	80,670.60	305.40	29.91	29.76	8.19
2,082	6,708	19,422	19,521.12	99.12	28.18	28.01	7.96
11,411	39,705	112,109	112,525.09	416.09	26.41	26.18	7.76
2,088	10,415	29,018	31,220.45	2,202.45	27.09	24.39	7.66
35,113	221,231	585,641	588,416.30	2,775.30	25.00	25.03	7.28
5,382	57,614	146,145	146,266.34	121.34	23.49	23.32	6.98
3,509	19,688	53,485	53,020.55	464.45	26.70	26.81	7.47
2,902	11,304	31,911	32,154.75	243.75	25.96	25.63	7.76

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Collingwood.....	9,698.7	56,486.1	239,434	23,465	8,682	.....	.....
Comber.....	384.9	1,857.6	9,501	919	965	.....	1,155
Coniston.....	1,371.5	7,179.6	33,860	3,342	.....	70	.....
Cookstown.....	502.4	2,607.6	12,404	1,200	1,260	.....	.....
Cottam.....	309.8	1,717.6	7,647	740	777	.....	929
Courtright.....	279.9	1,415.0	6,909	668	702	.....	840
Creemore.....	682.4	3,464.0	16,846	1,630	1,712	.....	.....
Dashwood.....	433.8	2,008.8	10,709	1,036	1,088	.....	1,301
Deep River.....	4,822.5	27,605.6	119,054	11,752	.....	.....	.....
Delaware.....	290.1	1,406.4	7,161	693	728	.....	870
Delhi.....	3,018.7	16,153.6	74,524	7,356	.....	.....	9,056
Deseronto.....	1,272.0	7,509.6	31,401	3,037	3,190	694	.....
Dorchester.....	596.5	2,918.4	14,726	1,424	1,496	.....	1,789
Drayton.....	504.1	2,560.4	12,445	1,204	1,264	.....	1,512
Dresden.....	2,334.0	12,738.8	57,620	5,687	.....	2,178	7,002
Drumbo.....	285.2	1,398.8	7,040	681	715	60	855
Dryden.....	4,727.1	27,276.0	116,699	11,288	11,857	2,476	.....
Dublin.....	377.8	1,703.6	9,326	902	948	.....	1,133
Dundalk.....	836.7	4,392.7	20,656	1,998	2,099	75	.....
Dundas.....	12,009.6	65,362.1	296,482	29,265	.....	4,847	36,029
Dunnville.....	4,426.4	25,158.9	109,274	10,786	.....	1,232	13,279
Durham.....	2,224.9	11,054.4	54,927	5,313	5,581	.....	.....
Dutton.....	468.1	2,382.7	11,556	1,118	1,174	.....	1,404
East York.....	43,868.0	253,828.1	1,082,976	106,898	.....	15,923	131,604
Eganville.....*	822.2	3,872.3	20,298	1,963	2,062	.....	.....
Elmira.....	6,298.6	32,974.8	155,494	15,349	.....	936	18,896
Elmvale.....	901.4	4,848.0	22,254	2,152	2,261	.....	.....
Elmwood.....	223.3	971.8	5,512	533	560	.....	.....
Elora.....	1,127.1	5,956.1	27,826	2,691	2,827	.....	3,381
Embro.....	525.7	2,743.2	12,978	1,255	1,319	.....	1,577
Embrun.....	1,062.1	4,944.0	26,220	2,536	2,664	.....	.....
Erieau.....	514.9	2,813.6	12,711	1,230	1,291	.....	1,544
Erie Beach.....	93.9	425.2	2,317	224	236	.....	282
Erin.....	870.8	4,696.8	21,497	2,122	.....	.....	.....
Espanola.....	3,357.3	19,539.0	82,882	8,181	.....	942	.....
Essex.....	2,454.0	13,975.5	60,584	5,980	.....	.....	7,362
Etobicoke.....	259,425.3	1,588,183.0	6,404,469	631,924	12,754	160,749	778,275
Exeter.....	2,858.6	15,648.0	70,571	6,826	7,170	222	8,575
Fenelon Falls.....*	403.9	2,021.0	9,972	984	.....	.....	.....
Fergus.....	6,672.9	36,315.3	164,735	16,260	.....	1,426	20,019

*See note 8, page 122.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER
					Interim	Actual	Mills per Kwh
\$	\$	\$	\$	\$	\$	\$	
31,345	155,337	395,573	392,866.12	2,706.88	25.36	24.78	7.00
2,598	5,108	15,050	15,204.60	154.60	26.30	25.84	8.10
1,656	19,744	55,360	55,202.76	157.24	26.02	25.97	7.71
1,683	7,171	20,352	20,418.79	66.79	26.59	26.24	7.80
1,406	4,723	13,410	13,276.27	133.73	28.39	28.05	7.81
1,192	3,891	11,818	11,708.91	109.09	28.11	28.33	8.35
2,631	9,526	27,083	26,974.10	108.90	25.78	25.73	7.82
1,842	5,524	17,816	17,611.02	204.98	28.27	28.34	8.87
5,797	75,915	200,924	211,451.20	10,527.20	28.50	25.93	7.28
1,117	3,868	12,203	12,149.46	53.54	28.74	28.74	8.68
8,248	44,422	127,110	127,014.63	95.37	27.31	27.40	7.87
4,223	20,651	54,750	54,078.29	671.71	26.91	26.82	7.29
1,985	8,026	25,476	25,416.25	59.75	29.29	29.26	8.73
2,549	7,041	20,917	20,974.16	57.16	27.71	27.53	8.17
7,787	35,032	99,732	96,073.28	3,658.72	27.42	27.72	7.83
1,493	3,847	11,705	11,578.16	126.84	27.32	27.57	8.37
8,334	75,009	208,995	209,005.26	10.26	28.65	28.35	7.66
1,262	4,685	15,732	15,882.15	150.15	29.64	29.25	9.23
3,303	12,080	33,605	33,793.88	188.88	26.11	25.73	7.65
35,583	179,746	510,786	516,077.09	5,291.09	28.05	27.57	7.81
18,654	69,187	185,104	184,926.75	177.25	26.27	26.20	7.36
7,572	30,400	88,649	89,535.90	886.90	26.41	26.19	8.02
3,339	6,552	18,465	18,944.71	479.71	26.03	25.46	7.75
144,346	698,027	1,891,082	1,880,815.93	10,266.07	27.11	27.20	7.45
1,261	10,649	33,711	34,264.45	553.45	28.32	28.06	8.71
19,294	90,681	262,062	262,581.57	519.57	27.25	27.22	7.95
3,171	13,332	36,828	36,729.00	99.00	26.16	26.07	7.60
1,145	2,672	8,132	8,261.12	129.12	24.82	24.46	8.37
6,340	16,379	46,764	46,247.83	516.17	26.69	26.96	7.85
2,248	7,544	22,425	22,179.90	245.10	28.04	28.31	8.17
1,065	13,596	43,951	43,754.09	196.91	28.67	28.59	8.89
2,325	7,737	22,188	22,558.75	370.75	28.75	28.07	7.89
409	1,169	3,819	3,759.63	59.37	28.21	28.23	8.98
1,613	12,916	34,922	36,405.52	1,483.52	27.91	25.28	7.44
2,922	53,732	142,815	142,497.38	317.62	26.57	26.54	7.31
8,902	38,433	103,457	102,395.51	1,061.49	26.56	26.50	7.40
514,016	4,367,503	11,841,658	11,782,741.88	58,916.12	28.81	28.82	7.46
11,541	43,032	124,855	124,656.20	198.80	28.79	28.63	7.98
.....	5,558	16,514	14,260.26	2,253.74	26.70	27.13	8.17
18,575	99,867	283,732	281,716.39	2,015.61	27.50	27.56	7.81

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Finch.....	324.7	1,521.6	8,015	775	814	.....	.....
Flesherton.....	493.8	2,376.2	12,191	1,179	1,239	42	.....
Fonthill.....	1,558.9	8,403.1	38,484	3,723	3,910	.....	4,677
Forest.....	1,869.9	10,485.8	46,163	4,465	4,690	84	5,610
Fort William.....	42,079.7	252,877.8	1,038,827	102,541	.....	.....	.....
Frankford.....	1,154.7	6,155.9	28,505	2,757	2,896	.....	.....
Galt.....	36,337.0	204,036.1	897,057	88,530	.....	.....	109,011
Georgetown.....	11,967.6	66,158.5	295,446	29,163	.....	2,071	35,903
Glencoe.....	894.2	4,452.8	22,077	2,135	2,243	44	2,683
Gloucester Twp.....	18,743.3	113,011.5	462,719	44,758	47,014	.....	.....
Goderich.....	7,757.1	43,723.2	191,501	18,902	.....	.....	23,271
Grand Bend.....	916.8	4,731.0	22,635	2,189	2,300	117	2,750
Grand Valley.....	639.7	3,016.6	15,793	1,528	1,605	.....	.....
Granton.....	166.7	759.8	4,116	398	418	.....	500
Gravenhurst.....	2,977.1	16,058.7	73,496	7,109	7,467	91	.....
Grimsby.....	4,222.3	23,198.7	104,237	10,083	10,591	402	12,667
Guelph.....	60,285.1	350,235.7	1,488,266	139,526	4,037	91	180,855
Hagersville.....	2,100.8	9,894.3	51,861	5,017	5,269	1,154	6,302
Hamilton.....	511,213.6	3,388,914.2	12,620,401	1,245,735	.....	.....	1,373,699
Hanover.....	6,502.4	30,573.4	160,525	15,711	6,870	647	.....
Harriston.....	1,744.2	9,906.1	43,058	4,250	.....	338	5,233
Harrow.....	1,979.0	10,589.8	48,857	4,734	4,540	422	5,937
Hastings.....	710.9	3,806.8	17,550	1,698	1,783	.....	.....
Havelock.....	745.2	3,909.6	18,398	1,815	.....	.....	.....
Hawkesbury.....	6,109.3	32,483.5	150,820	14,888	.....	.....	.....
Hearst.....	3,132.4	14,799.4	77,329	7,633	.....	1,495	.....
Hensall.....	1,124.0	5,344.8	27,749	2,684	2,819	.....	3,372
Hespeler.....	7,594.3	39,607.6	187,483	18,506	.....	551	22,783
Highgate.....	219.0	1,009.5	5,406	523	549	.....	657
Holstein.....	149.9	677.2	3,700	358	376	.....	.....
Huntsville.....	3,232.1	18,019.9	79,792	7,876	.....	.....	.....
Ingersoll.....	7,142.8	39,362.4	176,335	17,406	.....	3,571	21,428
Iroquois.....	1,052.0	5,687.7	25,971	2,512	2,639	.....	.....
Jarvis.....	431.8	2,016.2	10,661	1,031	1,083	.....	1,295
Kapuskasing.....	5,183.5	25,872.7	127,965	12,631	.....	867	.....
Kemptville.....	2,417.4	12,738.9	59,678	5,773	6,063	419	.....
Kenora.....	5,299.9	29,843.6	130,839	259	.....	.....	.....
Killaloe Stn.....	456.7	2,222.4	11,275	1,113	.....	.....	.....
Kincardine.....	2,679.2	14,792.7	66,142	6,466	3,215	2,681	.....
King City.....	1,408.5	7,557.7	34,772	3,363	3,533	.....	4,226

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER Mills per Kwh
					Interim	Actual	
\$	\$	\$	\$	\$	\$	\$	
1,416	4,184	12,342	12,282.86	59.14	25.09	25.14	8.11
1,665	6,535	19,521	19,507.46	13.54	26.58	26.30	8.22
4,257	23,109	69,646	68,687.89	958.11	29.91	29.86	8.29
8,761	28,836	81,087	79,955.28	1,131.72	27.65	27.94	7.73
183,864	695,414	1,652,918	1,652,310.08	607.92	22.79	22.76	6.54
1,995	16,929	49,092	49,305.02	213.02	27.96	27.86	7.97
126,689	561,099	1,529,008	1,520,291.73	8,716.27	26.64	26.64	7.49
31,299	181,936	513,220	502,361.71	10,858.29	27.40	27.68	7.76
4,123	12,245	37,304	36,865.75	438.25	28.06	28.03	8.38
19,366	310,782	845,907	830,811.51	15,095.49	28.30	28.56	7.49
29,663	120,239	324,250	321,758.25	2,491.75	26.38	26.31	7.42
3,026	13,010	39,975	40,611.92	636.92	30.13	29.42	8.45
2,888	8,296	24,334	24,410.75	76.75	25.25	25.08	8.07
1,113	2,089	6,408	6,455.05	47.05	26.17	25.91	8.43
12,040	44,161	120,284	119,895.08	388.92	25.43	25.58	7.49
9,677	63,796	192,099	191,669.19	429.81	30.60	30.40	8.28
162,675	963,149	2,613,249	2,585,683.75	27,565.25	27.29	27.38	7.46
12,876	27,209	83,936	82,486.75	1,449.25	27.25	27.01	8.48
1,601,292	9,319,514	22,958,057	23,157,930.04	199,873.04	26.92	26.69	6.77
19,534	84,077	248,296	253,975.75	5,679.75	26.06	25.27	8.12
7,602	27,242	72,519	72,506.77	12.23	26.15	25.96	7.32
7,856	29,122	85,756	84,634.35	1,121.65	28.49	28.61	8.10
1,986	10,469	29,514	29,506.83	7.17	27.11	26.80	7.75
3,196	10,751	27,768	29,333.84	1,615.84	25.26	22.84	7.10
6,955	89,330	248,083	244,543.32	3,539.68	26.01	25.99	7.64
4,699	40,698	122,456	120,874.54	1,581.46	26.08	26.11	8.27
4,260	14,698	47,062	46,863.92	198.08	28.88	28.80	8.81
30,939	108,921	307,305	306,913.56	391.44	26.23	26.13	7.76
1,581	2,776	8,330	7,984.43	345.57	25.43	25.37	8.25
612	1,862	5,684	5,708.64	24.64	25.55	25.51	8.39
15,471	49,555	121,752	120,630.29	1,121.71	22.04	22.34	6.76
35,886	108,247	291,101	288,047.97	3,053.03	25.51	25.61	7.40
2,852	15,641	43,911	43,387.13	523.87	26.94	26.88	7.72
2,956	5,545	16,659	16,945.81	286.81	26.27	25.74	8.26
7,939	71,150	204,674	203,123.85	1,550.15	25.67	25.77	7.91
7,588	35,032	99,377	98,671.30	705.70	26.71	26.62	7.80
.....	82,070	213,168	203,295.78	9,872.22	24.88	24.74	7.14
750	6,112	17,750	18,838.96	1,088.96	28.10	25.49	7.99
12,732	40,680	106,452	108,554.95	2,102.95	25.45	24.56	7.20
1,718	20,784	64,960	65,258.13	298.13	31.56	31.37	8.60

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Kingston.....	53,186.8	307,093.4	1,313,031	129,607	.....	.....	.....
Kingsville.....	2,578.9	13,928.7	63,667	6,180	5,317	1,978	7,737
Kirkfield.....	133.3	634.0	3,289	318	334	.....	.....
Kitchener.....	108,669.5	603,162.4	2,682,740	5,312	.....	.....	326,009
Lakefield.....	1,988.2	11,119.2	49,082	4,748	4,987	.....	.....
Lambeth.....	1,496.4	7,328.5	36,942	3,573	3,753	33	4,489
Lanark.....	539.0	2,574.0	13,305	1,287	1,352	.....	.....
Lancaster.....	402.3	2,142.9	9,933	961	1,009	.....	.....
Larder Lake Twp.....	884.0	4,962.0	21,824	2,111	2,217	588	.....
Latchford.....	244.6	1,313.3	6,038	596	.....	.....	.....
Leamington.....	8,835.2	52,599.5	218,115	21,416	5,862	540	26,506
Lindsay.....	14,165.6	85,380.0	349,709	34,519	.....	607	.....
Listowel.....	4,624.2	23,996.1	114,160	11,268	.....	224	13,873
London.....	169,095.0	1,006,342.6	4,174,473	411,909	.....	.....	507,285
L'Orignal.....	833.3	4,339.8	20,572	1,990	2,090	.....	.....
Lucan.....	789.3	4,000.8	19,487	1,885	1,980	.....	2,368
Lucknow.....	1,037.3	5,206.4	25,609	2,477	2,602	71	.....
Lynden.....	459.8	2,415.4	11,351	1,098	1,153	.....	1,379
Madoc.....	1,214.7	6,607.2	29,987	2,901	3,047	.....	.....
Magnetawan.....	129.7	650.0	3,203	316	.....	.....	.....
Markdale.....	999.5	5,223.0	24,675	2,387	2,507	.....	.....
Markham.....	6,502.8	34,758.5	160,537	15,549	15,254	2,892	19,508
Marmora.....	938.8	5,366.4	23,177	2,242	2,355	627	.....
Martintown.....	189.6	838.0	4,681	453	476	.....	.....
Massey.....	668.9	3,736.2	16,512	1,630	.....	.....	.....
Maxville.....	754.6	3,519.1	18,628	1,802	1,893	.....	.....
McGarry Twp.....	828.1	4,315.4	20,443	1,977	2,077	.....	.....
Meaford.....	3,759.2	20,821.3	92,804	8,999	8,290	1,618	.....
Merlin.....	456.8	2,401.6	11,277	1,091	1,146	.....	1,370
Merrickville.....	681.9	3,452.1	16,835	1,628	1,710	.....	.....
Midland.....	11,364.2	63,454.0	280,550	27,692	.....	817	.....
Mildmay.....	594.7	3,276.2	14,681	1,420	1,492	.....	.....
Millbrook.....	619.1	3,135.8	15,284	1,478	1,553	.....	.....
Milton.....	6,299.6	36,028.0	155,519	15,338	651	485	18,899
Milverton.....	1,161.9	5,357.3	28,685	2,775	2,914	60	3,486
Mitchell.....	2,885.5	14,300.9	71,235	7,031	.....	2,588	8,657
Moorefield.....	426.2	1,909.6	10,524	1,018	1,069	.....	1,279
Morrisburg.....	1,631.0	8,814.8	40,266	3,895	4,091	978	.....
Mount Brydges.....	532.3	2,829.6	13,139	1,271	1,335	.....	1,597
Mount Forest.....	2,685.6	13,887.9	66,300	6,507	1,907	499	.....

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER Mills per Kwh
					Interim	Actual	
\$	\$	\$	\$	\$	\$	\$	
145,506	844,507	2,141,639	2,142,685.67	1,046.67	24.63	24.39	6.97
10,476	38,304	112,707	111,085.65	1,621.35	28.96	28.85	8.09
628	1,743	5,056	5,084.35	28.35	25.32	24.88	7.97
326,148	1,658,697	4,346,610	4,350,486.92	3,876.92	24.92	24.74	7.21
6,045	30,578	83,350	84,215.27	865.27	26.78	26.55	7.50
3,778	20,153	65,165	65,293.01	128.01	30.29	30.09	8.89
1,820	7,078	21,202	20,724.87	477.13	26.15	26.21	8.24
1,434	5,893	16,362	16,612.28	250.28	26.62	26.03	7.64
2,442	13,645	37,943	37,950.06	7.06	27.52	27.50	7.65
406	3,612	9,840	10,272.24	432.24	27.60	25.47	7.49
30,204	144,648	386,883	387,724.53	841.53	27.76	27.42	7.36
42,188	234,795	577,442	574,751.92	2,690.08	24.13	24.19	6.76
18,842	65,989	186,672	189,724.14	3,052.14	26.68	26.11	7.78
524,019	2,767,442	7,337,090	7,304,111.95	32,978.05	27.11	27.03	7.29
982	11,934	35,604	35,561.36	42.64	28.61	28.41	8.20
3,492	11,002	33,230	33,294.70	64.70	28.53	28.17	8.31
5,202	14,318	39,875	40,771.01	896.01	25.53	24.65	7.66
1,919	6,642	19,704	19,843.83	139.83	28.76	28.42	8.16
4,096	18,170	50,009	49,810.21	198.79	26.35	26.22	7.57
283	1,787	5,023	5,361.13	338.13	27.61	24.95	7.73
3,243	14,363	40,689	40,620.19	68.81	26.37	26.35	7.79
10,191	95,586	299,135	299,647.76	512.76	31.60	31.33	8.61
2,989	14,758	40,170	39,965.12	204.88	27.21	27.08	7.49
697	2,305	7,218	7,230.10	12.10	25.84	25.91	8.61
1,064	10,275	27,353	28,732.74	1,379.74	28.17	25.54	7.32
2,587	9,678	29,414	29,211.85	202.15	26.26	26.16	8.36
2,473	11,867	33,891	33,625.54	265.46	26.71	26.60	7.85
12,817	57,259	156,153	155,728.72	424.28	26.53	26.32	7.50
2,100	6,604	19,388	19,240.34	147.66	28.22	27.99	8.07
1,347	9,493	28,319	28,362.08	43.08	27.86	27.61	8.20
45,137	174,499	438,421	441,396.51	2,975.51	23.34	23.23	6.91
2,085	9,010	24,518	24,867.88	349.88	26.64	26.08	7.48
1,657	8,623	25,281	25,339.97	58.97	26.92	26.91	8.06
21,204	99,077	268,765	266,918.75	1,846.25	26.82	26.94	7.46
6,674	14,733	45,979	45,985.19	6.19	27.19	26.90	8.58
10,179	39,327	118,659	117,744.66	914.34	27.39	27.50	8.30
1,387	5,251	17,754	17,733.79	20.21	29.54	29.34	9.30
4,566	24,241	68,905	68,816.99	88.01	27.57	27.39	7.82
1,867	7,781	23,256	22,966.58	289.42	28.97	29.08	8.22
9,318	38,192	104,087	104,384.41	297.41	24.68	24.55	7.49

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Napanee.....	4,159.2	21,947.8	102,678	10,044	4,690	565	.....
Nepean Twp.....	42,450.2	247,719.4	1,047,974	101,543	97,521	6,735	.....
Neustadt.....	519.9	2,104.4	12,835	1,241	1,304	.....	.....
Newboro.....	175.3	880.0	4,328	419	440	.....	.....
Newburgh.....	338.8	1,763.0	8,365	809	850	.....	.....
Newbury.....	240.5	1,144.0	5,937	574	603	.....	722
Newcastle.....	1,297.6	7,101.7	32,033	3,162	.....	.....	.....
New Hamburg.....	2,062.1	11,285.9	50,907	4,939	4,382	711	6,186
Newmarket.....	8,803.2	50,977.0	217,325	21,229	11,405	4,600	26,410
Niagara.....	2,036.7	11,544.8	50,280	4,964	.....	1,230	6,110
Niagara Falls.....	42,848.4	262,122.1	1,057,805	104,413	.....	29,051	128,545
Nipigon Twp.....	1,973.9	12,676.1	48,730	4,714	4,951	.....	.....
North Bay.....	18,150.7	107,821.0	448,089	44,230	.....	202	.....
North York.....	336,478.5	1,949,859.6	8,306,694	815,730	.....	.....	1,009,436
Norwich.....	981.6	5,489.0	24,232	2,344	2,462	370	2,945
Norwood.....	766.8	3,988.8	18,931	1,831	1,923	.....	.....
Oakville.....	90,275.4	606,415.4	2,228,641	219,795	9,714	44,245	270,826
Oil Springs.....	385.0	2,365.0	9,505	919	966	.....	1,155
Omeme.....	591.8	3,001.9	14,610	1,413	1,484	.....	.....
Orangeville.....	5,014.6	27,725.6	123,795	12,114	5,449	774	.....
Orillia.....*	8,964.9	30,360.3	221,319	21,840	310	.....	.....
Orono.....	841.4	4,417.9	20,772	2,009	2,110	.....	.....
Oshawa.....	106,432.1	606,960.1	2,627,505	259,355	.....	.....	.....
Ottawa.....*	254,486.8	1,511,077.9	6,282,551	525,551	894	.....	.....
Oterville.....	441.5	2,240.0	10,900	1,054	1,107	.....	1,325
Owen Sound.....	16,843.6	97,944.9	415,821	40,718	16,751	.....	.....
Paisley.....	581.1	3,067.9	14,347	1,416	.....	.....	.....
Palmerston.....	1,436.9	7,857.1	35,473	3,501	.....	656	4,311
Paris.....	5,124.2	26,880.0	126,503	12,486	.....	1,358	15,373
Parkhill.....	1,059.2	5,435.2	26,148	2,529	2,657	.....	3,178
Parry Sound.....*	3,927.5	22,617.8	96,959	9,571	.....	434	.....
Pembroke.....*	3,754.5	10,174.5	92,688	9,150	.....	344	.....
Penetanguishene.....	3,726.9	22,025.9	92,007	9,082	.....	1,113	.....
Perth.....	5,564.8	29,518.9	137,379	13,560	.....	.....	.....
Peterborough.....	55,932.2	336,624.0	1,380,806	136,297	.....	.....	.....
Petrolia.....	2,857.4	14,557.9	70,541	6,843	6,129	.....	8,572
Petrolia Waterworks.....	148.1	920.5	3,655	354	371	.....	444
Pickering.....	1,196.7	6,602.5	29,543	2,858	3,002	.....	.....
Picton.....	4,566.9	25,198.1	112,743	11,128	.....	201	.....
Plantagenet.....	754.6	3,715.8	18,628	1,802	1,893	.....	.....

*See note 8, page 122.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER Mills per Kwh
					Interim	Actual	
\$	\$	\$	\$	\$	\$	\$	
17,101	60,356	161,232	161,133.41	98.59	24.28	24.27	7.35
28,357	681,229	1,906,645	1,811,899.61	94,745.39	27.28	26.87	7.70
1,476	5,787	19,691	19,772.61	81.61	26.86	26.76	9.36
299	2,420	7,308	7,180.18	127.82	27.83	27.88	8.30
763	4,862	14,123	14,241.62	118.62	27.47	27.34	7.99
860	3,146	10,122	9,243.87	878.13	27.10	29.01	8.85
3,160	19,530	51,565	51,887.67	322.67	25.05	24.69	7.26
9,059	31,036	89,102	88,579.86	522.14	28.34	28.17	7.89
18,788	140,187	402,368	404,603.26	2,235.26	30.07	29.79	7.89
8,898	31,748	85,434	83,925.76	1,508.24	25.77	26.37	7.40
157,609	720,836	1,883,041	1,872,725.04	10,315.96	26.93	27.13	7.18
5,130	34,859	88,124	89,060.11	936.11	27.28	26.99	6.95
72,966	296,508	716,063	711,467.33	4,595.67	23.04	23.12	6.64
455,273	5,362,114	15,038,701	14,949,674.44	89,026.56	28.77	28.77	7.71
6,145	15,095	41,303	40,703.24	599.76	26.94	26.71	7.71
2,703	10,969	30,951	31,171.33	220.33	26.27	26.06	7.76
104,051	1,667,643	4,336,813	4,335,841.19	971.81	29.59	29.58	7.15
3,093	6,504	15,956	16,131.76	175.76	25.05	24.56	6.75
1,703	8,255	24,059	23,723.49	335.51	26.32	26.71	8.01
15,022	76,245	203,355	202,329.49	1,025.51	25.56	25.35	7.33
15,624	83,491	311,336	301,908.16	9,427.84	26.08	25.42	10.25
1,727	12,149	35,313	35,543.39	230.39	27.73	27.54	7.99
262,905	1,669,140	4,293,095	4,306,985.26	13,890.26	24.87	24.66	7.07
449,136	4,155,465	10,515,325	10,407,887.94	107,437.06	24.90	25.00	6.96
2,051	6,160	18,495	18,440.39	54.61	27.76	27.94	8.26
63,170	269,348	679,468	673,322.87	6,145.13	24.54	24.35	6.94
2,772	8,437	21,428	21,569.16	141.16	22.56	22.36	6.98
8,022	21,607	57,526	57,479.04	46.96	25.09	25.01	7.32
21,682	73,920	207,958	206,125.09	1,832.91	26.03	26.17	7.74
4,818	14,947	44,641	45,098.51	457.51	28.44	28.04	8.21
6,495	62,199	162,668	161,227.71	1,440.29	25.44	25.59	7.19
.....	27,980	130,162	117,707.66	12,454.34	24.04	24.10	12.79
13,299	60,571	149,474	148,480.94	993.06	23.25	23.86	6.79
21,208	81,177	210,908	212,478.59	1,570.59	23.62	23.32	7.14
164,876	925,716	2,277,943	2,262,408.64	15,534.36	24.20	24.18	6.77
15,741	40,034	116,378	115,356.92	1,021.08	26.86	26.71	7.99
.....	2,531	7,355	7,487.15	132.15	32.74	32.59	7.99
1,429	18,157	52,131	52,291.12	160.12	28.60	28.40	7.90
18,926	69,295	174,441	176,019.45	1,578.45	23.28	23.03	6.92
881	10,218	31,660	31,073.23	586.77	28.49	28.42	8.52

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Plattsville.....	903.2	4,223.8	22,298	2,157	2,265	.....	2,710
Point Edward.....	7,042.9	35,718.2	173,869	17,099	3,240	.....	21,129
Port Arthur.....*	50,994.9	282,006.1	1,258,918	124,266	.....	171	.....
Port Burwell.....	314.2	1,613.2	7,757	750	788	31	943
Port Colborne.....	12,512.6	77,806.9	308,901	30,491	.....	1,717	37,538
Port Credit.....	16,163.3	118,555.8	399,026	39,387	.....	4,314	48,490
Port Dover.....	2,441.7	14,091.3	60,278	5,950	.....	1,773	7,325
Port Elgin.....	2,290.3	12,878.4	56,539	5,469	5,745	52	.....
Port Hope.....	9,761.8	51,535.5	240,992	23,788	.....	2,839	.....
Port McNicoll.....	1,388.3	5,822.8	34,271	3,315	3,482	837	.....
Port Perry.....	2,291.7	13,048.8	56,576	5,472	5,748	.....	.....
Port Rowan.....	357.9	2,112.9	8,835	855	898	.....	1,074
Port Stanley.....	1,209.7	6,589.7	29,863	2,889	3,034	2,031	3,629
Prescott.....	4,568.6	24,641.8	112,787	11,025	5,535	445	.....
Preston.....	13,583.9	75,620.5	335,348	33,102	.....	.....	40,752
Priceville.....	71.9	309.4	1,775	172	180	.....	.....
Princeton.....	369.7	1,699.0	9,129	883	927	.....	1,109
Queenston.....	400.3	2,257.3	9,883	956	1,004	.....	1,201
Rainy River.....	849.3	4,555.2	20,967	2,028	2,130	144	.....
Red Rock.....	988.8	5,139.4	24,411	2,388	1,097	411	.....
Renfrew.....*	6,143.0	26,832.5	151,652	14,969	.....	.....	.....
Richmond.....	1,083.2	6,139.4	26,742	2,587	2,717	.....	.....
Richmond Hill.....	14,536.7	80,731.0	353,870	35,424	.....	4,175	43,610
Ridgetown.....	2,207.8	10,877.1	54,504	5,339	2,076	851	6,624
Ripley.....	455.0	2,348.0	11,233	1,087	1,141	.....	.....
Rockland.....	1,669.2	9,200.9	41,207	3,986	4,187	.....	.....
Rockwood.....	594.4	3,047.1	14,675	1,419	1,491	.....	1,783
Rodney.....	682.0	3,406.4	16,837	1,629	1,711	.....	2,046
Rosseau.....	172.9	740.7	4,267	421	.....	.....	.....
Russell.....	452.8	2,356.0	11,177	1,081	1,136	.....	.....
St. Catharines.....	122,848.8	745,063.1	3,032,782	299,353	339	.....	368,547
St. Clair Beach.....	902.9	4,891.2	22,291	2,156	2,265	.....	2,709
St. George.....	644.1	3,269.6	15,879	1,538	1,616	.....	1,933
St. Jacobs.....	849.7	4,100.2	20,976	2,029	2,131	.....	2,549
St. Mary's.....	4,340.1	22,658.1	107,145	10,576	.....	.....	13,021
St. Thomas.....	22,700.0	127,672.5	560,399	55,304	581	.....	68,100
Sandwich West Twp.....	3,820.7	21,287.1	94,322	9,224	4,460	2,292	11,462
Sarnia.....	47,828.8	311,730.1	1,180,757	116,486	.....	.....	143,487
Scarborough.....	221,775.8	1,281,581.7	5,475,097	540,108	10,068	153,385	665,328
Schreiber Twp.....	1,614.2	9,411.0	39,850	3,855	4,049	201	.....

*See note 8, page 122.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER
					Interim	Actual	Mills per Kwh
\$	\$	\$	\$	\$	\$	\$	
2,838	11,615	38,207	38,307.50	100.50	29.50	29.45	9.05
20,977	98,225	292,585	294,397.72	1,812.72	27.83	27.60	8.19
309,990	775,517	1,848,882	1,836,159.18	12,722.82	20.83	21.06	6.56
1,157	4,436	13,548	13,842.91	294.91	30.16	29.01	8.40
36,879	213,969	555,737	560,220.98	4,483.98	27.77	27.32	7.14
32,005	326,029	785,241	787,673.70	2,432.70	28.65	28.42	6.62
9,288	38,751	104,789	106,583.74	1,794.74	27.34	27.06	7.44
6,720	35,416	96,501	96,332.72	168.28	27.14	26.68	7.49
32,812	141,723	376,530	375,613.89	916.11	24.11	24.06	7.31
4,033	16,013	53,885	55,279.99	1,394.99	27.51	27.29	9.25
6,295	35,884	97,385	96,423.89	961.11	26.92	26.84	7.46
1,873	5,810	15,599	15,300.87	298.13	27.50	27.36	7.38
7,948	18,122	51,620	51,642.83	22.83	27.78	27.70	7.83
15,947	67,765	181,610	181,338.33	271.67	25.05	24.93	7.37
50,255	207,956	566,903	559,486.34	7,416.66	26.13	26.43	7.50
264	851	2,714	2,688.43	25.57	25.78	25.92	8.77
1,931	4,672	14,789	14,718.55	70.45	27.15	27.37	8.70
1,717	6,208	17,535	18,003.68	468.68	29.45	28.30	7.77
1,150	12,527	36,646	36,233.84	412.16	28.57	28.41	8.04
2,244	14,133	40,196	41,063.31	867.31	27.40	26.37	7.82
11,598	73,789	228,812	229,188.31	376.31	25.35	25.24	8.53
1,997	16,883	46,932	47,475.37	543.37	27.93	27.75	7.64
24,089	222,010	640,000	637,971.31	2,028.69	28.79	28.76	7.93
8,704	29,912	90,602	90,925.19	323.19	27.42	27.50	8.33
2,019	6,457	17,899	17,796.84	102.16	25.30	25.15	7.62
2,567	25,302	72,115	70,682.09	1,432.91	28.36	28.05	7.84
2,354	8,380	25,394	24,619.57	774.43	27.99	28.63	8.33
3,087	9,368	28,504	28,438.52	65.48	28.02	28.06	8.37
852	2,037	5,873	6,232.43	359.43	24.96	22.20	7.93
1,552	6,479	18,321	18,145.14	175.86	26.30	26.16	7.78
340,406	2,048,924	5,409,539	5,397,000.71	12,538.29	27.67	27.36	7.26
2,377	13,451	40,495	39,790.87	704.13	29.73	29.96	8.28
2,861	8,991	27,096	27,199.12	103.12	28.53	28.15	8.29
3,650	11,276	35,311	33,532.83	1,778.17	27.32	28.29	8.61
35,150	62,310	157,902	182,219.08	24,317.08	28.11	22.03	6.97
93,530	351,099	941,953	936,045.85	5,907.15	25.98	26.04	7.38
6,718	58,540	173,582	168,478.05	5,103.95	29.30	30.12	8.15
297,973	857,258	2,000,015	1,893,480.83	106,534.17	22.07	23.90	6.42
346,044	3,524,349	10,022,201	9,933,361.22	88,839.78	29.25	29.31	7.82
3,419	25,880	70,416	70,293.61	122.39	27.72	27.59	7.48

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Seaforth.....	2,108.5	10,096.4	52,054	5,138	.....	539	6,326
Shelburne.....	1,281.1	6,682.9	31,627	3,059	3,213	.....	.....
Simcoe.....	11,317.8	64,410.8	279,404	27,570	491	5,799	33,954
Sioux Lookout.....	2,104.6	13,041.6	51,956	5,026	5,279	371	.....
Smith's Falls.....	10,215.0	55,272.2	252,180	24,892	.....	244	.....
Southampton.....	1,745.9	9,914.4	43,100	4,169	4,379	577	.....
South Grimsby Twp.....	781.6	3,601.9	19,295	1,877	1,419	259	2,345
South River.....	637.8	3,388.3	15,745	1,554	.....	.....	.....
Springfield.....	276.0	1,304.8	6,813	659	692	40	828
Stayner.....	1,423.5	7,850.4	35,143	3,399	3,570	.....	.....
Stirling.....	1,182.6	6,409.2	29,195	2,882	.....	.....	.....
Stoney Creek.....	4,810.0	25,047.5	118,746	11,491	11,821	385	14,430
Stouffville.....	3,062.2	16,310.4	75,595	7,462	.....	22	9,187
Stratford.....	25,916.6	145,012.5	639,807	63,149	267	.....	77,750
Strathroy.....	5,634.6	31,161.2	139,101	13,730	.....	3,171	16,904
Streetsville.....	4,505.1	25,425.3	111,217	10,978	.....	650	13,516
Sturgeon Falls.....	3,787.7	20,477.8	93,508	9,230	.....	279	.....
Sudbury.....	52,810.7	316,444.1	1,303,746	128,690	.....	20,001	.....
Sunderland.....	570.3	2,926.4	14,078	1,362	1,430	.....	.....
Sundridge.....	691.3	3,542.1	17,067	1,685	.....	.....	.....
Sutton.....	1,672.6	9,391.2	41,291	3,994	4,195	.....	5,018
Tara.....	812.6	4,380.3	20,062	1,940	2,038	.....	.....
Tavistock.....	1,182.7	6,216.4	29,196	2,824	2,966	553	3,548
Tecumseh.....	2,570.5	14,748.3	63,459	6,179	4,359	552	7,712
Teeswater.....	1,133.3	5,421.0	27,977	2,719	2,185	.....	.....
Terrace Bay Twp.....	1,569.5	9,866.7	38,746	3,825	.....	278	.....
Thamesford.....	1,195.3	6,981.6	29,509	2,854	2,998	.....	3,586
Thamesville.....	1,017.3	4,523.2	25,114	2,429	2,552	.....	3,052
Thedford.....	563.7	2,999.4	13,917	1,346	1,414	.....	1,691
Thessalon.....	1,081.7	6,357.3	26,703	2,636	.....	.....	.....
Thornbury.....	1,308.9	6,761.6	32,312	3,126	3,283	.....	.....
Thorndale.....	261.7	1,285.2	6,461	625	656	15	785
Thornton.....	171.1	794.8	4,224	409	429	.....	.....
Thordol.....	6,555.6	39,036.0	161,839	15,955	.....	337	19,667
Tilbury.....	2,806.1	12,733.1	69,275	6,838	.....	1,918	8,418
Tillsonburg.....	7,073.0	39,115.6	174,613	17,236	.....	.....	21,219
Toronto.....	764,697.3	4,810,395.0	18,878,190	1,614,860	.....	5,111	2,294,093
Toronto Twp.....	124,647.1	799,848.6	3,077,181	303,603	7,160	60,967	373,941
Tottenham.....	476.4	2,534.4	11,762	1,138	1,195	.....	.....
Trenton.....	17,822.7	108,596.5	439,991	43,431	.....	.....	.....

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER Mills per Kwh
					Interim	Actual	
\$	\$	\$	\$	\$	\$	\$	
10,038	27,765	81,784	81,235.63	548.37	25.48	25.63	8.10
4,959	18,378	51,318	50,120.96	1,197.04	25.29	25.72	7.68
34,880	177,130	489,468	486,069.22	3,398.78	27.55	27.60	7.60
7,591	35,864	90,905	91,362.92	457.92	26.40	26.16	6.97
33,800	151,999	395,515	392,968.68	2,546.32	23.73	23.84	7.16
6,192	27,265	73,298	72,504.75	793.25	26.39	26.37	7.39
2,339	9,905	32,761	32,533.78	227.22	29.09	29.25	9.10
453	9,318	26,164	27,268.34	1,104.34	28.89	26.42	7.72
1,591	3,588	11,029	10,940.83	88.17	27.17	26.97	8.45
4,720	21,589	58,981	58,597.99	383.01	26.21	26.27	7.51
3,877	17,625	45,825	46,024.03	199.03	24.04	23.85	7.15
9,021	68,881	216,733	217,350.16	617.16	30.86	30.74	8.65
7,801	44,854	129,319	128,993.91	325.09	27.61	27.59	7.93
103,502	398,783	1,076,254	1,075,868.45	385.55	26.25	26.15	7.42
19,551	85,693	239,048	239,001.91	46.09	27.42	27.22	7.67
8,380	69,920	197,901	196,107.50	1,793.50	28.29	28.41	7.78
5,953	56,314	153,378	153,394.06	16.06	25.70	25.63	7.49
131,022	870,220	2,191,635	2,184,688.26	6,946.74	25.11	25.03	6.93
2,042	8,048	22,876	22,471.47	404.53	26.18	26.01	7.82
1,095	9,741	27,398	28,913.74	1,515.74	28.04	25.55	7.73
5,722	25,826	74,602	73,069.34	1,532.66	28.91	29.17	7.94
2,224	12,046	33,862	33,729.06	132.94	26.83	26.85	7.73
7,697	17,095	48,485	46,973.41	1,511.59	25.72	26.55	7.80
7,634	40,558	115,185	116,506.29	1,321.29	29.62	29.04	7.81
3,576	14,908	44,213	45,572.34	1,359.34	27.04	25.86	8.16
4,237	27,133	65,745	65,293.72	451.28	24.60	24.61	6.66
3,847	19,199	54,299	54,425.51	126.51	29.47	29.37	7.78
4,152	12,439	41,434	41,004.34	429.66	28.53	28.51	9.16
2,525	8,248	24,091	24,067.12	23.88	28.17	28.11	8.03
1,392	17,483	45,430	45,093.46	336.54	25.83	25.84	7.15
2,453	18,594	54,862	54,655.52	206.48	28.02	27.72	8.11
1,480	3,534	10,596	10,611.51	15.51	27.10	26.99	8.24
733	2,186	6,515	6,540.85	25.85	25.79	25.31	8.20
44,691	107,349	260,456	273,592.30	13,136.30	25.34	23.36	6.67
11,283	35,016	110,182	109,822.56	359.44	27.07	26.79	8.65
22,483	107,568	298,153	298,704.21	551.21	27.16	26.95	7.62
3,841,067	13,228,585	32,179,772	31,975,562.65	204,209.35	24.69	24.79	6.69
166,079	2,199,584	5,856,357	5,778,141.37	78,215.63	29.40	29.35	7.32
2,416	6,970	18,649	18,497.98	151.02	24.54	24.52	7.36
54,001	298,640	728,061	728,326.65	265.65	24.23	24.10	6.70

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Tweed.....	1,668.4	8,327.2	41,188	3,984	4,185	242	.....
Uxbridge.....	3,132.5	16,083.4	77,332	7,633	.....	44	.....
Vankleek Hill.....	1,070.5	5,260.7	26,427	2,556	2,685	.....	.....
Victoria Harbour.....	688.6	3,508.8	17,000	1,644	1,727	355	.....
Walkerton.....	4,856.5	24,598.8	119,893	11,834	.....	3,920	.....
Wallaceburg.....	16,828.9	94,488.0	415,457	41,009	.....	2,298	50,487
Wardsville.....	209.3	1,014.4	5,167	500	525	86	628
Warkworth.....	378.2	1,801.6	9,338	903	949	.....	.....
Wasaga Beach.....	1,064.8	4,765.0	26,286	2,543	2,671	.....	.....
Waterdown.....	1,399.3	7,785.6	34,545	3,341	3,510	.....	4,198
Waterford.....	1,833.4	8,761.6	45,262	4,397	3,604	98	5,500
Waterloo.....	34,294.2	204,803.2	846,626	2,840	1,247	.....	102,883
Watford.....	1,761.5	9,203.8	43,487	4,245	2,395	41	5,285
Waubashene.....	450.4	2,336.0	11,119	1,076	1,130	.....	.....
Webbwood.....	215.3	1,133.7	5,316	525	.....	.....	.....
Welland.....	35,166.5	189,090.3	868,160	85,679	.....	.....	105,499
Wellesley.....	586.4	2,712.0	14,476	1,400	1,471	.....	1,759
Wellington.....	680.9	3,608.8	16,810	1,626	1,708	.....	.....
West Ferris Twp.....	5,586.0	31,018.1	137,902	13,612	.....	1,250	.....
West Lorne.....	1,385.6	6,578.6	34,206	3,309	3,475	.....	4,157
Westport.....	502.4	2,700.8	12,404	1,200	1,260	.....	.....
Wheatley.....	1,029.0	5,152.3	25,404	2,457	2,581	.....	3,087
Whitby.....	16,362.5	95,812.6	403,943	39,873	.....	5,778	.....
Warton.....	1,658.4	9,376.8	40,940	3,960	4,160	.....	.....
Widdifield Twp.....	10,122.0	58,473.4	249,884	24,666	.....	2,505	.....
Williamsburg.....	297.7	1,385.2	7,349	711	747	.....	.....
Winchester.....	1,989.8	11,078.3	49,121	4,778	3,643	161	.....
Windermere.....	229.5	981.6	5,666	559	.....	.....	.....
Windsor.....	162,444.2	954,244.0	4,010,283	395,848	.....	.....	487,333
Wingham.....	3,264.1	18,739.5	80,582	7,954	.....	167	.....
Woodbridge.....	2,288.2	14,137.2	56,490	5,481	4,853	.....	6,865
Woodstock.....	28,678.5	162,443.7	707,989	69,884	.....	.....	86,036
Woodville.....	274.8	1,472.5	6,785	656	689	.....	.....
Wyoming.....	834.9	3,823.1	20,611	1,994	2,094	79	2,504
York.....	88,716.7	547,141.7	2,190,163	216,186	.....	127	266,150
Zurich.....	546.9	2,785.2	13,502	1,306	1,372	.....	1,640
Total Municipalities.....	5,111,725.9	30,534,238.7	126,193,892	11,722,747	852,937	718,895	11,585,612

*See note 8, page 122.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1967

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND RATES PER KW PER ANNUM (Note 7)		TOTAL COST OF PRIMARY POWER
					Interim	Actual	Mills per Kwh
\$	\$	\$	\$	\$	\$	\$	
4,951	22,900	67,548	67,421.01	126.99	26.95	26.77	8.11
7,589	44,229	121,649	122,241.69	592.69	24.94	24.72	7.56
1,455	14,467	44,680	44,022.77	657.23	28.24	28.23	8.49
1,737	9,649	28,638	28,355.17	282.83	27.44	27.59	8.16
12,047	67,647	191,247	190,284.86	962.14	25.10	25.46	7.77
52,961	259,842	716,132	697,853.98	18,278.02	26.59	27.12	7.58
1,013	2,790	8,683	8,536.22	146.78	27.85	28.16	8.56
1,350	4,954	14,794	14,597.45	196.55	25.85	26.02	8.21
1,784	13,104	42,820	43,195.51	375.51	28.91	27.91	8.99
4,780	21,410	62,224	62,345.21	121.21	29.35	29.17	7.99
6,578	24,094	76,377	75,620.31	756.69	28.20	28.52	8.72
75,454	563,209	1,441,351	1,428,503.04	12,847.96	25.57	25.61	7.04
6,559	25,310	74,204	74,337.08	133.08	27.93	27.76	8.06
1,498	6,424	18,251	18,077.20	173.80	26.21	26.26	7.81
341	3,118	8,618	9,047.46	429.46	28.19	25.55	7.60
100,714	519,999	1,478,623	1,476,767.57	1,855.43	27.23	27.27	7.82
2,554	7,458	24,010	23,537.04	472.96	27.70	28.23	8.85
3,359	9,924	26,709	26,594.41	114.59	24.84	24.66	7.40
8,927	85,300	229,137	232,395.62	3,258.62	26.02	25.75	7.39
5,955	18,091	57,283	57,364.70	81.70	28.56	28.29	8.71
1,909	7,427	20,382	20,447.94	65.94	26.08	25.79	7.55
4,420	14,169	43,278	42,666.82	611.18	27.90	28.29	8.40
33,793	263,485	679,286	683,541.22	4,255.22	25.66	25.41	7.09
6,251	25,786	68,595	68,077.48	517.52	25.95	25.82	7.32
9,280	160,802	428,577	429,862.71	1,285.71	26.58	26.46	7.33
1,432	3,809	11,184	11,222.67	38.67	24.77	24.78	8.07
5,802	30,465	82,366	81,240.24	1,125.76	26.01	26.08	7.43
815	2,699	8,109	8,673.68	564.68	26.38	23.58	8.26
654,844	2,624,172	6,862,792	6,849,914.09	12,877.91	26.29	26.10	7.19
12,049	51,534	128,188	126,610.20	1,577.80	23.82	23.49	6.84
9,928	38,877	102,638	102,346.29	291.71	27.78	27.87	7.26
96,729	446,720	1,213,900	1,205,543.32	8,356.68	26.75	26.76	7.47
1,384	4,049	10,795	10,832.76	37.76	25.01	24.55	7.33
2,137	10,514	35,659	35,063.45	595.55	29.64	30.12	9.33
309,758	1,504,639	3,867,507	3,853,092.77	14,414.23	26.50	26.64	7.07
2,641	7,659	22,838	22,626.24	211.76	28.08	27.76	8.20
15,443,340	83,969,156	219,599,899	218,703,377.02	896,521.98	.....	.....	.....

See notes on following page.

NOTES

1. Certain functions in the production and supply of power are considered to be used by all customers in relation to kilowatt demand requirements. Therefore the associated costs are allocated at a common rate to all customers.
2. Stage I transformation and metering costs are those associated with transformation at high-voltage stations from 115 kv to a lesser voltage, but which exceeds 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service. Stage II transformation and metering costs are those associated with transformation at low-voltage stations from 44 kv, 27.6 kv, 13.8 kv or similar voltages to a delivery voltage of less than 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
3. Special facilities costs are those associated with line facilities within a municipality's boundaries, that serve only that municipality.
4. The assessment for frequency standardization is at the rate of \$3.00 per kilowatt to all 60-cycle customers in the standardized area of the former Southern Ontario System.
5. Return on equity is calculated at 4% on equities accumulated through debt retirement charges after giving recognition to direct customers' contributions for debt retirement prior to 1966. The cost of providing the return on equity is included in common demand costs.
6. The portion of the cost of power attributable to producing energy, rather than meeting demand requirements, has been classified as energy cost. For allocation purposes, this cost has been established at 2.75 mills per kwh.
7. The demand rate is the per kilowatt cost of primary power, exclusive of energy cost.
8. The asterisk indicates that this particular utility operates its own generating facilities for the supply of part of its power requirement. The amounts shown in this statement relate only to the power and energy supplied by The Hydro-Electric Power Commission of Ontario. For more complete details on the cost of providing service within any municipal electrical utility, the reader is referred to the statements in the Municipal Electrical Service Supplement.

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Acton	584,047.17	.....	27,741.00	611,788.17
Ailsa Craig	63,427.15	.....	2,405.00	65,832.15
Ajax	333,565.46	.....	52,583.00	386,148.46
Alexandria	244,596.24	.....	16,992.00	261,588.24
Alfred	29,195.07	.....	4,615.00	33,810.07
Alliston	250,198.42	.....	18,190.00	268,388.42
Almonte	132,636.63	.....	12,276.00	144,912.63
Alvinston	66,804.33	.....	1,647.00	68,451.33
Amherstburg	469,398.81	.....	22,616.00	492,014.81
Ancaster Twp.	222,111.77	.....	13,710.00	235,821.77
Apple Hill	18,446.14	.....	742.00	19,188.14
Arkona	49,224.49	.....	1,591.00	50,815.49
Arnprior	411,822.71	.....	35,078.00	446,900.71
Arthur	112,722.41	.....	5,035.00	117,757.41
Athens	57,973.95	.....	3,201.00	61,174.95
Atikokan Twp.	288,441.53	.....	20,611.00	309,052.53
Aurora	412,680.25	.....	39,368.00	452,048.25
Avonmore	10,788.48	.....	927.00	11,715.48
Aylmer	457,246.99	.....	25,148.00	482,394.99
Ayr	103,184.10	.....	5,148.00	108,332.10
Baden	147,264.59	626.21	5,222.00	153,112.80
Bancroft	89,512.08	.....	7,713.00	97,225.08
Barrie	1,748,624.80	.....	133,053.00	1,881,677.80
Barry's Bay	31,944.67	.....	3,977.00	35,921.67
Bath	33,747.43	.....	2,432.00	36,179.43
Beachburg	21,431.90	.....	2,238.00	23,669.90
Beachville	281,004.50	.....	12,481.00	293,485.50
Beamsville	169,311.70	.....	11,706.00	181,017.70
Beaverton	141,873.61	.....	6,639.00	148,512.61
Beeton	83,347.26	.....	3,296.00	86,643.26
Belle River	100,468.49	.....	5,970.00	106,438.49
Belleville	2,306,725.45	.....	143,804.00	2,450,529.45
Belmont	29,409.41	.....	5,773.00	35,182.41
Blenheim	236,714.82	.....	10,806.00	247,520.82
Bloomfield	59,855.73	.....	2,864.00	62,719.73
Blyth	90,021.50	.....	4,449.00	94,470.50
Bobcaygeon	64,953.39	.....	6,132.00	71,085.39
Bolton	126,428.19	.....	8,331.00	134,759.19
Bothwell	73,336.61	.....	2,853.00	76,189.61
Bowmanville	810,200.73	.....	49,782.00	859,982.73
Bracebridge	15,116.07	.....	5,875.00	20,991.07
Bradford	191,432.78	.....	12,133.00	203,565.78
Braeside	79,302.25	.....	10,133.00	89,435.25
Brampton	1,548,743.97	.....	168,957.00	1,717,700.97
Brantford	6,553,421.93	.....	303,670.00	6,857,091.93

STATEMENT OF EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Brantford Twp.....	487,197.89	.....	48,436.00	535,633.89
Brechin.....	25,758.06	.....	813.00	26,571.06
Bridgeport.....	93,676.09	.....	7,087.00	100,763.09
Brigden.....	52,152.86	.....	1,570.00	53,722.86
Brighton.....	167,797.11	.....	10,981.00	178,778.11
Brockville.....	1,768,818.67	.....	108,071.00	1,876,889.67
Brussels.....	99,586.72	.....	3,694.00	103,280.72
Burford.....	103,426.92	.....	4,765.00	108,191.92
Burgessville.....	31,088.80	.....	1,347.00	32,435.80
Burk's Falls.....	47,949.53	.....	4,941.00	52,890.53
Burlington.....	1,974,224.21	.....	275,767.00	2,249,991.21
Cache Bay.....	31,159.32	.....	1,050.00	32,209.32
Caledonia.....	151,274.47	.....	6,965.00	158,239.47
Campbellford.....	36,860.62	.....	7,930.00	44,790.62
Campbellville.....	23,161.31	.....	888.00	24,049.31
Cannington.....	94,061.98	.....	4,424.00	98,485.98
Capreol.....	144,938.41	.....	11,510.00	156,448.41
Cardinal.....	106,397.43	.....	4,916.00	111,313.43
Carleton Place.....	561,072.22	.....	19,108.00	580,180.22
Casselman.....	47,772.10	.....	4,659.00	52,431.10
Cayuga.....	72,158.99	.....	3,295.00	75,453.99
Chalk River.....	30,695.88	.....	2,969.00	33,664.88
Chapleau Twp.....	38,267.81	.....	8,366.00	46,633.81
Chatham.....	2,774,156.31	.....	163,537.00	2,937,693.31
Chatsworth.....	38,053.18	.....	1,582.00	39,635.18
Chesley.....	215,535.14	.....	7,505.00	223,040.14
Chesterville.....	173,588.76	.....	8,397.00	181,985.76
Chippawa.....	141,416.39	.....	9,020.00	150,436.39
Clifford.....	57,595.99	.....	2,265.00	59,860.99
Clinton.....	315,401.82	.....	13,793.00	329,194.82
Cobden.....	57,559.38	.....	3,805.00	61,364.38
Cobourg.....	967,419.39	.....	72,629.00	1,040,048.39
Cochrane.....	137,739.31	.....	18,936.00	156,675.31
Colborne.....	96,774.30	.....	6,290.00	103,064.30
Coldwater.....	80,204.32	.....	4,010.00	84,214.32
Collingwood.....	866,057.22	.....	48,374.00	914,431.22
Comber.....	71,956.14	.....	1,920.00	73,876.14
Coniston.....	42,376.33	.....	6,841.00	49,217.33
Cookstown.....	46,474.28	.....	2,506.00	48,980.28
Cottam.....	38,885.40	.....	1,545.00	40,430.40
Courtright.....	32,977.83	.....	1,396.00	34,373.83
Creemore.....	72,693.04	.....	3,404.00	76,097.04
Dashwood.....	50,942.20	.....	2,164.00	53,106.20
Deep River.....	158,439.46	.....	24,053.00	182,492.46
Delaware.....	30,855.74	.....	1,447.00	32,302.74

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Delhi.....	227,414.95	.....	15,056.00	242,470.95
Deseronto.....	116,591.74	.....	6,344.00	122,935.74
Dorchester.....	54,829.15	.....	2,975.00	57,804.15
Drayton.....	70,506.99	.....	2,514.00	73,020.99
Dresden.....	215,169.59	.....	11,641.00	226,810.59
Drumbo.....	41,300.76	.....	1,422.00	42,722.76
Dryden.....	213,102.69	408.62	23,577.00	237,088.31
Dublin.....	34,884.40	.....	1,884.00	36,768.40
Dundalk.....	91,214.14	.....	4,173.00	95,387.14
Dundas.....	981,494.43	.....	59,900.00	1,041,394.43
Dunnville.....	515,689.23	.....	22,077.00	537,766.23
Durham.....	209,072.40	.....	11,097.00	220,169.40
Dutton.....	92,467.98	.....	2,335.00	94,802.98
East York.....	3,985,104.94	.....	218,798.00	4,203,902.94
Eganville.....	34,563.06	.....	4,101.00	38,664.06
Elmira.....	532,511.04	.....	31,415.00	563,926.04
Elmvalle.....	87,599.67	.....	4,496.00	92,095.67
Elmwood.....	31,671.90	.....	1,114.00	32,785.90
Elora.....	175,503.65	.....	5,622.00	181,125.65
Embro.....	62,164.53	.....	2,622.00	64,786.53
Embrun.....	28,996.71	.....	5,297.00	34,293.71
Erieau.....	64,287.68	.....	2,568.00	66,855.68
Erie Beach.....	11,318.64	.....	468.00	11,786.64
Erin.....	43,479.51	803.77	4,343.00	48,626.28
Espanola.....	74,636.65	.....	16,745.00	91,381.65
Essex.....	245,966.13	.....	12,240.00	258,206.13
Etobicoke.....	14,136,091.72	.....	1,293,920.00	15,430,011.72
Exeter.....	319,006.79	.....	14,258.00	333,264.79
Fenelon Falls.....	.....	.....	2,015.00	2,015.00
Fergus.....	512,934.07	.....	33,282.00	546,216.07
Finch.....	39,985.83	.....	1,619.00	41,604.83
Flesherton.....	45,974.74	.....	2,463.00	48,437.74
Fonthill.....	117,379.60	.....	7,775.00	125,154.60
Forest.....	242,378.35	.....	9,326.00	251,704.35
Fort William.....	7,110,211.40	263.08	209,878.00	7,320,352.48
Frankford.....	54,779.38	.....	5,759.00	60,538.38
Galt.....	3,499,326.37	.....	181,236.00	3,680,562.37
Georgetown.....	863,609.11	.....	59,690.00	923,299.11
Glencoe.....	114,043.00	.....	4,460.00	118,503.00
Gloucester Twp.....	529,868.01	.....	93,485.00	623,353.01
Goderich.....	819,476.24	.....	38,690.00	858,166.24
Grand Bend.....	83,531.72	.....	4,573.00	88,104.72
Grand Valley.....	79,850.03	.....	3,191.00	83,041.03
Granton.....	30,814.09	.....	831.00	31,645.09
Gravenhurst.....	332,791.09	.....	14,849.00	347,640.09

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Grimsby.....	266,507.34	.....	21,059.00	287,566.34
Guelph.....	4,487,048.30	.....	300,680.00	4,787,728.30
Hagersville.....	353,086.40	3,378.96	10,478.00	366,943.36
Hamilton.....	44,184,388.30	.....	2,549,748.00	46,734,136.30
Hanover.....	538,621.23	240.65	32,432.00	571,293.88
Harriston.....	210,194.54	.....	8,699.00	218,893.54
Harrow.....	217,203.21	.....	9,871.00	227,074.21
Hastings.....	54,781.63	.....	3,546.00	58,327.63
Havelock.....	88,382.67	.....	3,717.00	92,099.67
Hawkesbury.....	189,973.98	.....	30,471.00	220,444.98
Hearst.....	120,375.40	.....	15,623.00	135,998.40
Hensall.....	117,730.69	.....	5,606.00	123,336.69
Hespeler.....	855,086.52	.....	37,878.00	892,964.52
Highgate.....	43,819.89	.....	1,092.00	44,911.89
Holstein.....	16,909.78	.....	748.00	17,657.78
Huntsville.....	427,908.89	.....	16,121.00	444,029.89
Ingersoll.....	992,790.87	.....	35,626.00	1,028,416.87
Iroquois.....	78,637.08	.....	5,247.00	83,884.08
Jarvis.....	81,840.26	.....	2,154.00	83,994.26
Kapuskasing.....	203,308.63	.....	25,853.00	229,161.63
Kemptville.....	209,467.29	.....	12,057.00	221,524.29
Kenora.....	.....	.....	26,434.00	26,434.00
Killaloe Station.....	20,581.55	.....	2,278.00	22,859.55
Kincardine.....	352,123.95	.....	13,363.00	365,486.95
King City.....	46,989.73	.....	7,025.00	54,014.73
Kingston.....	4,000,328.93	.....	265,277.00	4,265,605.93
Kingsville.....	289,619.61	.....	12,863.00	302,482.61
Kirkfield.....	17,373.89	.....	665.00	18,038.89
Kitchener.....	8,988,617.02	11,717.44	542,004.00	9,542,338.46
Lakefield.....	166,836.79	.....	9,916.00	176,752.79
Lambeth.....	104,094.60	.....	7,464.00	111,558.60
Lanark.....	50,283.93	.....	2,688.00	52,971.93
Lancaster.....	39,621.50	.....	2,007.00	41,628.50
Larder Lake Twp.....	62,625.72	.....	4,409.00	67,034.72
Latchford.....	10,392.53	.....	1,220.00	11,612.53
Leamington.....	834,039.28	.....	44,067.00	878,106.28
Lindsay.....	1,163,841.67	.....	70,653.00	1,234,494.67
Listowel.....	520,687.96	.....	23,064.00	543,751.96
London.....	14,454,291.92	8,789.60	843,385.00	15,306,466.52
L'Orignal.....	26,875.55	.....	4,156.00	31,031.55
Lucan.....	96,592.72	.....	3,937.00	100,529.72
Lucknow.....	143,887.76	.....	5,174.00	149,061.76
Lynden.....	53,056.03	.....	2,293.00	55,349.03
Madoc.....	113,100.10	.....	6,058.00	119,158.10
Magnetawan.....	7,774.59	.....	647.00	8,421.59

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Markdale.....	89,545.41	.....	4,985.00	94,530.41
Markham.....	279,598.25	.....	32,434.00	312,032.25
Marmora.....	82,500.75	.....	4,682.00	87,182.75
Martintown.....	19,261.15	.....	946.00	20,207.15
Massey.....	27,244.74	.....	3,336.00	30,580.74
Maxville.....	71,439.30	.....	3,764.00	75,203.30
McGarry Twp.....	63,427.92	.....	4,130.00	67,557.92
Meaford.....	353,956.57	.....	18,750.00	372,706.57
Merlin.....	58,082.87	.....	2,278.00	60,360.87
Merrickville.....	37,025.60	.....	3,401.00	40,426.60
Midland.....	1,247,556.70	.....	56,681.00	1,304,237.70
Mildmay.....	57,548.84	.....	2,966.00	60,514.84
Millbrook.....	45,685.05	.....	3,088.00	48,773.05
Milton.....	585,508.00	.....	31,420.00	616,928.00
Milverton.....	184,707.74	.....	5,795.00	190,502.74
Mitchell.....	281,239.67	.....	14,392.00	295,631.67
Moorefield.....	38,288.88	.....	2,126.00	40,414.88
Morrisburg.....	125,913.92	.....	8,135.00	134,048.92
Mount Brydges.....	51,583.98	.....	2,655.00	54,238.98
Mount Forest.....	257,339.97	.....	13,395.00	270,734.97
Napanee.....	472,729.25	.....	20,745.00	493,474.25
Nepean Twp.....	775,718.14	.....	211,726.00	987,444.14
Neustadt.....	40,700.33	.....	2,593.00	43,293.33
Newboro.....	8,209.35	.....	874.00	9,083.35
Newburgh.....	21,014.57	.....	1,690.00	22,704.57
Newbury.....	23,794.97	.....	1,200.00	24,994.97
Newcastle.....	87,040.69	.....	6,472.00	93,512.69
New Hamburg.....	250,515.72	.....	10,285.00	260,800.72
Newmarket.....	517,018.47	.....	43,907.00	560,925.47
Niagara.....	246,073.80	.....	10,158.00	256,231.80
Niagara Falls.....	4,354,341.40	.....	213,712.00	4,568,053.40
Nipigon Twp.....	176,070.19	.....	9,845.00	185,915.19
North Bay.....	1,872,637.41	.....	90,529.00	1,963,166.41
North York.....	12,472,473.46	.....	1,678,233.00	14,150,706.46
Norwich.....	170,156.47	.....	4,896.00	175,052.47
Norwood.....	74,655.11	.....	3,825.00	78,480.11
Oakville.....	2,840,259.78	.....	450,261.00	3,290,520.78
Oil Springs.....	85,710.46	.....	1,920.00	87,630.46
Omenee.....	46,977.17	.....	2,952.00	49,929.17
Orangeville.....	414,511.93	.....	25,011.00	439,522.93
Orillia.....	361,750.29	65,604.58	44,714.00	472,068.87
Orono.....	47,508.04	.....	4,197.00	51,705.04
Oshawa.....	7,243,818.44	.....	530,845.00	7,774,663.44
Ottawa.....	12,340,541.02	.....	1,269,288.00	13,609,829.02
Otterville.....	56,723.50	.....	2,202.00	58,925.50

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Owen Sound.....	1,742,201.52	3,773.75	84,010.00	1,829,985.27
Paisley.....	76,643.18		2,898.00	79,541.18
Palmerston.....	221,996.81		7,167.00	229,163.81
Paris.....	599,396.37		25,558.00	624,954.37
Parkhill.....	133,196.85		5,283.00	138,479.85
Parry Sound.....	178,167.43		19,589.00	197,756.43
Pembroke.....			18,726.00	18,726.00
Penetanguishene.....	367,473.49		18,588.00	386,061.49
Perth.....	585,949.01		27,755.00	613,704.01
Peterborough.....	4,549,256.50		278,970.00	4,828,226.50
Petrolia.....	435,649.70		14,991.00	450,640.70
Pickering.....	39,022.00		5,969.00	44,991.00
Pictou.....	523,105.07		22,778.00	545,883.07
Plantagenet.....	24,070.39		3,764.00	27,834.39
Plattsville.....	78,343.10		4,505.00	82,848.10
Point Edward.....	578,674.99		35,127.00	613,801.99
Port Arthur.....	12,161,135.89		254,344.00	12,415,479.89
Port Burwell.....	31,956.27		1,567.00	33,523.27
Port Colborne.....	1,016,042.90		62,408.00	1,078,450.90
Port Credit.....	879,691.61		80,617.00	960,308.61
Port Dover.....	256,520.39		12,178.00	268,698.39
Port Elgin.....	185,463.71		11,423.00	196,886.71
Port Hope.....	906,065.46		48,688.00	954,753.46
Port McNicoll.....	111,237.03		6,924.00	118,161.03
Port Perry.....	173,676.67		11,430.00	185,106.67
Port Rowan.....	51,819.90		1,785.00	53,604.90
Port Stanley.....	220,095.66		6,034.00	226,129.66
Prescott.....	440,450.96		22,787.00	463,237.96
Preston.....	1,388,708.08		67,752.00	1,456,460.08
Priceville.....	7,306.56		359.00	7,665.56
Princeton.....	53,464.15		1,844.00	55,308.15
Queenston.....	47,450.26		1,997.00	49,447.26
Rainy River.....	29,453.69		4,236.00	33,689.69
Red Rock.....	72,940.33		4,932.00	77,872.33
Renfrew.....	318,759.46		30,639.00	349,398.46
Richmond.....	54,891.25		5,403.00	60,294.25
Richmond Hill.....	661,173.46		72,504.00	733,677.46
Ridgetown.....	240,578.43		11,012.00	251,590.43
Ripley.....	55,823.00		2,269.00	58,092.00
Rockland.....	70,354.62		8,325.00	78,679.62
Rockwood.....	65,110.65		2,965.00	68,075.65
Rodney.....	85,365.84		3,402.00	88,767.84
Rosseau.....	23,579.05		862.00	24,441.05
Russell.....	42,859.24		2,258.00	45,117.24
St. Catharines.....	9,389,085.81		612,725.00	10,001,810.81

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
St. Clair Beach.....	65,545.05	.....	4,503.00	70,048.05
St. George.....	79,095.83	.....	3,213.00	82,308.83
St. Jacobs.....	100,971.31	.....	4,238.00	105,209.31
St. Mary's.....	967,886.97	.....	21,647.00	989,533.97
St. Thomas.....	2,585,649.06	.....	113,219.00	2,698,868.06
Sandwich West Twp.....	184,641.25	.....	19,056.00	203,697.25
Sarnia.....	8,252,775.44	.....	238,553.00	8,491,328.44
Scarborough.....	9,497,438.11	.....	1,106,137.00	10,603,575.11
Schreiber Twp.....	101,643.34	.....	8,051.00	109,694.34
Seaforth.....	277,668.00	.....	10,516.00	288,184.00
Shelburne.....	137,109.64	.....	6,390.00	143,499.64
Simcoe.....	962,685.86	.....	56,449.00	1,019,134.86
Sioux Lookout.....	194,788.40	.....	10,497.00	205,285.40
Smith's Falls.....	933,194.94	.....	50,949.00	984,143.94
Southampton.....	171,108.67	.....	8,708.00	179,816.67
South Grimsby Twp.....	64,564.84	.....	3,898.00	68,462.84
South River.....	11,562.33	.....	3,181.00	14,743.33
Springfield.....	44,045.20	.....	1,377.00	45,422.20
Stayner.....	130,315.89	.....	7,100.00	137,415.89
Stirling.....	107,015.09	.....	5,898.00	112,913.09
Stoney Creek.....	247,954.68	.....	23,991.00	271,945.68
Stouffville.....	215,054.18	.....	15,273.00	230,327.18
Stratford.....	2,860,379.46	.....	129,263.00	2,989,642.46
Strathroy.....	539,956.98	.....	28,103.00	568,059.98
Streetsville.....	230,380.00	.....	22,470.00	252,850.00
Sturgeon Falls.....	152,453.07	.....	18,892.00	171,345.07
Sudbury.....	3,359,672.27	.....	263,401.00	3,623,073.27
Sunderland.....	56,425.25	.....	2,844.00	59,269.25
Sundridge.....	30,059.82	.....	3,448.00	33,507.82
Sutton.....	158,102.91	.....	8,342.00	166,444.91
Tara.....	61,377.75	.....	4,053.00	65,430.75
Tavistock.....	213,149.28	.....	5,899.00	219,048.28
Tecumseh.....	210,670.37	.....	12,821.00	223,491.37
Teeswater.....	98,710.74	.....	5,652.00	104,362.74
Terrace Bay Twp.....	139,240.87	.....	7,828.00	147,068.87
Thamesford.....	106,237.85	.....	5,962.00	112,199.85
Thamesville.....	114,769.94	.....	5,074.00	119,843.94
Thedford.....	69,817.86	.....	2,812.00	72,629.86
Thessalon.....	35,631.78	.....	5,395.00	41,026.78
Thornbury.....	67,381.90	.....	6,528.00	73,909.90
Thorndale.....	40,974.62	.....	1,305.00	42,279.62
Thornton.....	20,274.58	.....	853.00	21,127.58
Thorold.....	1,234,675.61	.....	32,697.00	1,267,372.61
Tilbury.....	312,040.45	.....	13,996.00	326,036.45
Tillsonburg.....	620,367.11	.....	35,278.00	655,645.11

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1967

Municipality	Balance at December 31, 1966	Equities Transferred through Annexation	Additions in the Year through Debt Retirement Charges	Balance at December 31, 1967
	\$	\$	\$	\$
Toronto.....	106,267,232.97	.....	3,814,032.00	110,081,264.97
Toronto Twp.....	4,551,248.56	.....	621,695.00	5,172,943.56
Tottenham.....	66,850.86	.....	2,376.00	69,226.86
Trenton.....	1,490,024.13	.....	88,893.00	1,578,917.13
Tweed.....	136,594.90	.....	8,321.00	144,915.90
Uxbridge.....	209,110.62	.....	15,624.00	224,734.62
Vankleek Hill.....	39,865.75	.....	5,339.00	45,204.75
Victoria Harbour.....	47,912.81	.....	3,434.00	51,346.81
Walkerton.....	331,919.06	.....	24,222.00	356,141.06
Wallaceburg.....	1,462,324.00	.....	83,936.00	1,546,260.00
Wardsville.....	28,012.29	.....	1,044.00	29,056.29
Warkworth.....	37,324.03	.....	1,886.00	39,210.03
Wasaga Beach.....	48,983.97	.....	5,311.00	54,294.97
Waterdown.....	132,006.33	.....	6,979.00	138,985.33
Waterford.....	181,734.47	.....	9,144.00	190,878.47
Waterloo.....	2,076,741.24	1,660.43	171,047.00	2,249,448.67
Watford.....	181,207.21	.....	8,786.00	189,993.21
Waubashene.....	41,396.44	.....	2,246.00	43,642.44
Webbwood.....	8,723.92	.....	1,074.00	9,797.92
Welland.....	2,777,906.54	.....	175,398.00	2,953,304.54
Wellesley.....	70,645.00	.....	2,925.00	73,570.00
Wellington.....	92,911.81	.....	3,396.00	96,307.81
West Ferris Twp.....	228,573.88	.....	27,861.00	256,434.88
West Lorne.....	164,627.85	.....	6,911.00	171,538.85
Westport.....	52,753.73	.....	2,506.00	55,259.73
Wheatley.....	122,223.90	.....	5,132.00	127,355.90
Whitby.....	929,537.35	.....	81,610.00	1,011,147.35
Warton.....	172,746.69	.....	8,271.00	181,017.69
Widdifield Twp.....	237,090.25	.....	50,485.00	287,575.25
Williamsburg.....	39,603.55	.....	1,485.00	41,088.55
Winchester.....	160,193.00	.....	9,924.00	170,117.00
Windsor.....	22,525.73	.....	1,145.00	23,670.73
Wingham.....	18,102,635.20	.....	810,213.00	18,912,848.20
Woodbridge.....	332,823.14	.....	16,280.00	349,103.14
Woodstock.....	274,501.07	.....	11,413.00	285,914.07
Woodville.....	2,670,962.31	642.10	143,038.00	2,814,642.41
Wyoming.....	38,287.09	.....	1,371.00	39,658.09
York.....	59,013.64	.....	4,164.00	63,177.64
Zurich.....	8,555,158.32	.....	442,487.00	8,997,645.32
	73,005.67	.....	2,728.00	75,733.67
Total Municipalities.....	431,199,615.46	97,909.19	25,495,439.00	456,792,963.65
Power District.....	161,565,221.04	97,909.19	14,794,989.00	176,262,300.85
TOTAL.....	592,764,836.50	.....	40,290,428.00	633,055,264.50

APPENDIX III—RURAL

THE COMMISSION distributes power and provides service to its rural customers through 76 administrative areas in the province. Within the Areas, retail customers are supplied under the following classes of service: Farm, Residential, Residential Seasonal, and General. The description of these classes of service and the rates applicable to them at December 31, 1967, are included in this appendix.

Description of Main Classes of Service

The Farm class is applicable to properties regularly used in agricultural production. It includes single-phase or three-phase electrical service to the farm residence and to all buildings and equipment used in the production and processing of farm products. In other words, for purposes of classification, a farm is a residence and a business. The business, which is agricultural production on a continuing basis, must be carried on at such a level as to ensure that the farm is a viable economic unit.

The term "agricultural production," as used here, includes the work of cultivating soil, producing crops and raising livestock, as well as operations in nurseries, fur farms, hatcheries and egg production. Properties devoted solely to reforestation projects or the raising of Christmas trees are not considered as farms. Properties having extensive acreage but not engaged in agricultural production are classified

according to their use, but not as farms. Small properties of 30 acres and under are classified as residential, unless they are operated for some intensive or specialized form of agricultural production, for example fruit farming, poultry raising, market gardening, or nurseries.

Service may be supplied under one Farm service to all separate dwellings on the property and occupied by persons engaged in its operation. Additional dwellings occupied by persons otherwise engaged are regarded as residential.

The year-round Residential class is applicable to establishments used primarily for living accommodation and considered to be the customer's permanent residence. There are two sub-classes of year-round Residential service for rate purposes—Group 1 (B), which is applicable to services in designated zones of high customer concentration where there are at least 100 customers in a group, with a density of not fewer than 25 customers per mile of line, and Group 2 (R), which is applicable to services in designated zones of low customer concentration.

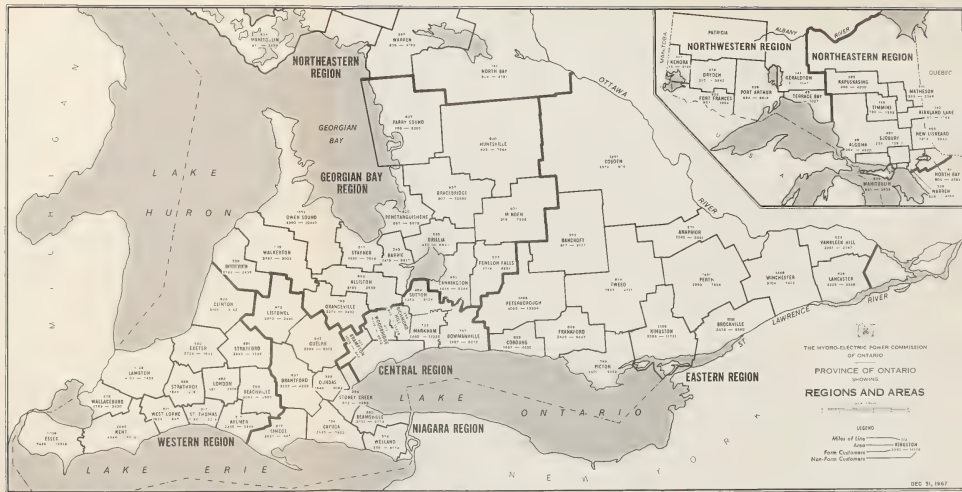
The Residential Seasonal class is applicable to any self-contained, residential property which is not regarded as the customer's permanent residence, and where private occupancy is seasonal, or intermittent throughout the year, whether in summer or winter, or both.

The General Class is applicable to all other community, business, processing or manufacturing establishments supplied with single-phase or three-phase electrical service at secondary, rural primary distribution, or sub-transmission voltage, exclusive of those that fall within the definition of the Farm class.

Rural Rate Structure

The net rates in effect at December 31, 1967, are given in the accompanying table. They are quoted on a monthly basis except the rates for Residential Seasonal service, which are quoted on an annual basis. The table shows the number of kilowatt-hours in each energy block, and the rate applicable for each class of service. Bills are subject to a monthly minimum as shown or, for Residential Seasonal Service, to an annual minimum. Bills for Farm and General accounts with demands in excess of 50 kilowatts are based on measured demand and are subject to minima related to demands established in previous billing periods.

The all-electric rates in effect throughout the province apply to year-round residential service where the sole source of energy is electricity, that is, where electric energy exclusively is used on a daily basis for space-heating, cooking, and water-heating through the use of a high-performance water-heater, with tank and element size acceptable to Ontario Hydro.



NET RATES AND TYPICAL BILLS FOR RURAL ELECTRICAL SERVICE

(Subject to a 5 per cent late-payment charge)

Class and Designation	Electric Heating Separately Billed ¢ per Kwh **	Number of Kilowatt-Hours per Month Billed at Kwh Rate Shown (+ indicates all additional)							Minimum Charge per Month	Net Monthly Charge for	
		5.5¢	5.0¢	4.5¢	2.0¢	1.7¢	1.25¢	1.1¢		250 kwh	500 kwh
Residential											
GROUP 1 ▲											
* B	1.1	...	...	50	...	200	...	+	\$2.75	\$5.65	\$8.40
EB ●	....	...	...	...	50	...	...	+	\$2.75	\$3.20	\$5.95
GROUP 2 ▲											
* R2 ■	1.25	...	50	...	...	200	+	...	\$2.50	\$5.90	\$9.03
* R	1.25	50	...	...	200	...	+	...	\$2.75	\$6.75	\$9.88
ER ●	....	...	...	...	50	...	+	...	\$2.75	\$3.50	\$6.63
ANNUAL RATES											
Residential Seasonal		First 700 Kwh or Less per Year	Balance of Kilowatt-Hours per Year at Kwh Rate Shown (+ indicates all additional)						Minimum Annual Charge	Net Annual Charge for	
										1000 kwh	3000 kwh
			2.0¢	1.7¢	1.25¢	1.1¢					
GROUP 1 ▲ 1S1	....	\$40.00	...	800	....	+	....	\$40.00	\$40.00	\$45.10	\$70.10
GROUP 2 ▲ 1S	....	\$40.00	800	....	....	+	....	\$40.00	\$40.00	\$46.00	\$74.75

[▲]Under residential and residential seasonal, group 1 are high-density and group 2 are low-density.

*Upon application to the Commission, customers using an approved metered electric water-heater with tank and element sizes acceptable to Ontario Hydro shall have a block of 500 kwh at 0.7¢ per kwh inserted in the rate schedule immediately following the second block.

**Applicable only to existing separately billed electric heating services in apartment buildings and to separately metered electric heating in farm homes.

■ Existing 2-wire services only.

● All-electric rate for customers having an approved metered, electric water-heater and using electricity as the sole source of energy for home heating and cooking.

Class and Designation	First 50 kwh or less per month	Balance of Kilowatt-Hours per Month at Kwh Rate Shown (+ indicates all additional)						First 50 kw per month—no charge Balance—\$ per kw	Minimum Charge per Month	Net Monthly Charge Under 50 kw for	
		2.5¢	2.0¢	1.35¢	0.5¢	0.4¢	0.3¢			250 kwh	500 kwh
General											
SINGLE-PHASE											
● 1G2 [▲]	\$2.75	...	200	+	...	...	...	...	\$2.75	\$6.75	\$10.13
1G1 [▲]	\$3.25	200	...	9750	+	...	...	\$1.70	\$3.25 [⊙]	\$8.25	\$11.63
THREE-PHASE											
1G3 [▲]	\$8.25	200	...	9750	190,000	800,000	+	\$1.70	\$8.25 [⊙]	\$13.25	\$16.63
Balance of Kwh per Month at ¢ per Kwh (+ indicates all additional)											
Farm		2.2¢	1.3¢	0.5¢							
SINGLE-PHASE											
1F1 [■]	\$2.75	200	9750	+				\$1.70	\$2.75 [⊙]	\$7.15	\$10.40
THREE-PHASE											
1F3 [■]	\$7.75	200	9750	+				\$1.70	\$7.75 [⊙]	\$12.15	\$15.40

● Existing 2-wire services only.

[▲] Upon application to the Commission, customers having one or more approved, metered, electric water-heaters, with tank and element sizes acceptable to Ontario Hydro, shall have a block of 500 kwh at (▲0.8¢) (■0.7¢) per kwh inserted in the rate schedule immediately following the second block. The third energy block shall thereupon be reduced from 9750 kwh to 9250 kwh.

[⊙] Plus 25¢ per kw for each kw in excess of 50, established as a peak during the previous 11 months, or such other minimum as may be required.

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1967

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Year- Round	Seasonal	Year- Round	Seasonal	
EAST SYSTEM							
WESTERN							
Aylmer.....	515	2,368	2,711	153	471	14	5,717
Beachville.....	795	3,062	2,374	45	461	5	5,947
Clinton.....	828	3,191	1,500	1,211	408	23	6,333
Essex.....	1,098	5,436	7,788	3,503	1,132	92	17,951
Exeter.....	680	2,724	931	601	283	17	4,556
Kent.....	1,095	4,346	3,609	992	853	52	9,852
Lambton.....	1,028	4,109	4,607	1,922	832	94	11,564
London.....	482	1,811	2,386	39	493	1	4,730
St. Thomas.....	317	1,196	1,904	21	291	.....	3,412
Stratford.....	681	2,940	1,347	.....	389	.....	4,676
Strathroy.....	558	1,849	1,727	4	350	.....	3,930
Wallaceburg.....	478	1,783	1,566	421	443	.....	4,213
West Lorne.....	511	1,829	536	67	242	.....	2,674
Total.....	9,066	36,644	32,986	8,979	6,648	298	85,555
NIAGARA							
Beamsville.....	580	3,101	5,844	194	727	7	9,873
Brantford.....	837	3,105	3,512	62	649	6	7,334
Cayuga.....	734	2,630	2,396	2,672	494	60	8,252
Dundas.....	398	1,643	5,592	1	489	.....	7,725
Guelph.....	942	2,999	4,958	478	860	16	9,311
Listowel.....	875	3,552	1,570	346	540	5	6,013
Simcoe.....	817	3,637	3,973	1,860	525	92	10,087
Stoney Creek.....	294	872	6,177	93	713	.....	7,855
Welland.....	574	1,366	5,953	1,409	729	83	9,540
Total.....	6,051	22,905	39,975	7,115	5,726	269	75,990

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1967

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Year- Round	Seasonal	Year- Round	Seasonal	
EAST SYSTEM —Continued							
CENTRAL							
Bowmanville.....	757	1,987	6,091	1,415	727	39	10,259
Brampton.....	421	1,002	5,736	167	564	14	7,483
Markham.....	522	1,460	9,755	600	934	36	12,785
Richmond Hill.....	334	816	10,083	165	1,073	7	12,144
Sutton.....	484	1,383	5,045	3,411	552	116	10,507
Woodbridge.....	411	1,116	3,911	48	713	.....	5,788
Total.....	2,929	7,764	40,621	5,806	4,563	212	58,966
GEORGIAN BAY							
Alliston.....	893	3,165	1,964	276	387	12	5,804
Barrie.....	543	1,419	4,276	3,985	547	109	10,336
Bracebridge.....	937	307	2,647	9,566	458	314	13,292
Cannington.....	650	1,614	1,783	4,149	354	58	7,958
Fenelon Falls.....	597	1,014	1,265	5,135	252	199	7,865
Huntsville.....	800	435	2,600	4,242	441	281	7,999
Minden.....	601	316	1,934	5,476	387	198	8,311
Orangeville.....	789	2,206	2,450	517	452	13	5,638
Orillia.....	520	950	2,316	3,959	402	144	7,771
Owen Sound.....	1,552	4,390	3,420	5,891	887	249	14,837
Parry Sound.....	607	158	1,795	2,844	341	227	5,365
Penetanguishene..	620	687	2,237	7,233	304	201	10,662
Stayner.....	517	1,490	2,010	4,383	383	240	8,506
Walkerton.....	1,019	3,787	1,482	986	506	29	6,790
Wingham.....	723	2,762	859	1,181	334	64	5,200
Total.....	11,368	24,700	33,038	59,823	6,435	2,338	126,334

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1967

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Year-Round	Seasonal	Year-Round	Seasonal	
EAST SYSTEM —Continued							
EASTERN							
Arnprior.....	571	1,262	3,237	1,901	475	48	6,923
Bancroft.....	772	617	1,783	3,902	422	.....	6,724
Brockville.....	888	2,475	3,996	1,872	827	.....	9,170
Cobden.....	1,351	2,579	5,468	2,187	979	147	11,360
Cobourg.....	629	1,667	2,694	1,277	379	80	6,097
Frankford.....	869	2,429	4,886	749	776	36	8,876
Kingston.....	1,156	2,286	7,980	2,607	1,144	.....	14,017
Lancaster.....	628	2,229	2,194	625	500	29	5,577
Perth.....	1,431	2,893	2,767	4,287	668	174	10,789
Peterborough.....	1,469	3,095	4,496	7,781	909	138	16,419
Picton.....	769	2,600	3,299	1,394	518	142	7,953
Tweed.....	894	1,527	2,164	1,921	452	174	6,238
Vankleek Hill.....	623	2,361	1,831	462	474	.....	5,128
Winchester.....	1,468	5,104	5,640	650	1,105	7	12,506
Total.....	13,518	33,124	52,435	31,615	9,628	975	127,777
NORTHEASTERN							
Algoma.....	388	369	3,826	407	626	61	5,289
Kapuskasing.....	385	268	3,398	370	417	15	4,468
Kirkland Lake.....	142	40	489	449	103	22	1,103
Manitoulin.....	639	851	1,982	962	576	139	4,510
Matheson.....	511	595	1,375	421	244	6	2,641
New Liskeard.....	695	1,209	1,810	581	530	1	4,131
North Bay.....	761	804	2,857	1,326	428	170	5,585
Sudbury.....	687	229	10,326	1,579	878	34	13,046
Timmins.....	168	130	1,067	129	193	4	1,523
Warren.....	568	808	2,179	1,499	408	107	5,001
Total.....	4,944	5,303	29,309	7,723	4,403	559	47,297

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1967

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Year-Round	Seasonal	Year-Round	Seasonal	
WEST SYSTEM							
NORTHWESTERN							
Dryden.....	376	215	1,725	519	323	75	2,857
Fort Frances.....	622	857	1,149	298	369	48	2,721
Geraldton.....	141	2	822	30	281	14	1,149
Kenora.....	317	56	1,313	1,457	229	146	3,201
Port Arthur.....	938	884	4,194	1,803	592	27	7,500
Terrace Bay.....	46	.....	819	39	153	16	1,027
Total.....	2,440	2,014	10,022	4,146	1,947	326	18,455

SUMMARY—MILES OF LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1967

REGIONS BY SYSTEMS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Year-Round	Seasonal	Year-Round	Seasonal	
EAST SYSTEM							
Western.....	9,066	36,644	32,986	8,979	6,648	298	85,555
Niagara.....	6,051	22,905	39,975	7,115	5,726	269	75,990
Central.....	2,929	7,764	40,621	5,806	4,563	212	58,966
Georgian Bay.....	11,368	24,700	33,038	59,823	6,435	2,338	126,334
Eastern.....	13,518	33,124	52,435	31,615	9,628	975	127,777
Northeastern.....	4,944	5,303	29,309	7,723	4,403	559	47,297
Total.....	47,876	130,440	228,364	121,061	37,403	4,651	521,919
WEST SYSTEM							
Northwestern.....	2,440	2,014	10,022	4,146	1,947	326	18,455
Grand Total....	50,316	132,454	238,386	125,207	39,350	4,977	540,374

Rural Electrical Service 1958 - 1967
CUSTOMERS, REVENUE, AND CONSUMPTION, BY CLASSES OF SERVICE

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
*Farm	1958	15,159,553	739,085,422	140,343	438	2.05
	1959	16,122,453	804,044,121	140,892	477	2.01
	1960	16,688,958	850,192,892	140,782	503	1.96
	1961	17,367,400	909,189,400	138,924	542	1.91
	1962	17,975,845	971,696,100	137,954	585	1.85
	1963	19,086,801	1,058,604,500	136,864	642	1.80
	1964	19,447,674	1,090,954,900	135,680	667	1.78
	1965	20,408,010	1,170,321,600	134,484	722	1.74
	1966	21,140,330	1,226,165,263	133,112	764	1.72
	1967	22,373,234	1,332,360,300	132,235	837	1.68
*Rural, and Suburban Residential	1958	17,732,046	905,280,698	207,570	374	1.96
	1959	18,862,773	988,315,209	218,287	387	1.91
	1960	20,151,434	1,070,637,716	221,915	405	1.88
	1961	20,494,966	1,096,653,000	205,822	427	1.87
	1962	21,366,479	1,153,182,400	215,857	456	1.85
	1963	23,616,431	1,299,169,800	224,024	492	1.82
	1964	24,563,281	1,364,958,200	220,199	512	1.80
	1965	25,686,192	1,459,057,800	220,617	552	1.76
	1966	26,365,167	1,570,966,227	227,909	584	1.68
	1967	28,967,165	1,797,122,700	238,386	642	1.61
*Commercial	1958	5,346,040	259,521,547	36,966	600	2.06
	1959	5,764,611	282,562,584	38,176	627	2.04
	1960	6,099,889	301,874,591	38,887	653	2.02
	1961	6,425,565	324,871,900	38,496	700	1.98
	1962	6,739,668	343,061,600	39,574	732	1.96
	1963	7,423,798	383,400,200	40,509	798	1.94
	1964	7,821,307	407,033,500	40,525	837	1.92
	1965	8,355,580	435,773,100	40,506	896	1.92
	1966	8,654,367	478,810,358	40,363	987	1.81
	1967	9,077,859	515,704,600	40,560	1,062	1.76
*Seasonal Residential ..	1958	2,943,051	55,170,380	85,611	56	5.33
	1959	3,170,306	60,345,721	91,390	57	5.25
	1960	4,141,665	67,785,615	95,196	61	6.11
	1961	4,358,812	74,693,800	99,032	64	5.84
	1962	4,613,953	83,051,000	103,415	68	5.56
	1963	4,979,590	96,694,400	108,077	76	5.15
	1964	5,225,074	105,483,200	112,445	80	4.95
	1965	5,624,928	122,354,200	116,326	89	4.60
	1966	5,835,789	130,845,233	120,611	92	4.46
	1967	6,229,861	148,971,200	125,207	101	4.18
Industrial Power	1958	4,410,317	278,005,882	2,113	11,235	1.59
	1959	4,612,172	287,458,107	2,325	10,795	1.60
	1960	5,017,774	325,416,458	2,511	11,215	1.54
	1961	5,414,240	354,069,300	2,475	11,835	1.53
	1962	6,236,466	418,959,700	2,762	13,333	1.49
	1963	7,840,887	555,322,000	3,036	15,963	1.41
	1964	9,782,441	779,264,700	3,139	21,033	1.26
	1965	10,997,087	907,222,800	3,271	23,589	1.21
	1966	10,082,027	977,967,494	3,549	23,900	1.03
	1967	10,546,055	1,071,004,500	3,986	23,690	0.98

*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

NOTE: Statistics are presented in this table on the basis of an earlier classification of customers for the purpose of maintaining continuity of record until a firm basis for comparison has been established under the new classification introduced in 1966.

Rural Electrical Service—1966-1967

CUSTOMERS, REVENUE, AND CONSUMPTION BY CLASSES OF SERVICE
(revised classification)

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	Kwh	No.	Kwh	¢
*Farm	1966	21,312,377.49	1,240,088,007	133,305	771	1.72
	1967	22,573,596.00	1,349,750,300	132,454	847	1.67
Year-Round Residential	1966	26,365,167.32	1,570,966,227	227,909	584	1.68
	1967	28,967,165.00	1,797,122,700	238,386	642	1.61
*General	1966	18,564,346.15	1,442,855,108	43,719	2,753	1.29
	1967	19,423,552.00	1,569,319,100	44,327	2,971	1.24
*Seasonal Residential	1966	5,835,789.35	130,845,233	120,611	92	4.46
	1967	6,229,861.00	148,971,200	125,207	101	4.18

*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

NOTE: In this table, the General Class includes the former Commercial, Commercial Summer and Industrial Power classes. Three-phase farm statistics formerly included with Industrial Power are now included under Farm.

SUPPLEMENT

MUNICIPAL ELECTRICAL SERVICE

RETAIL service in cities, towns, and villages, and in certain of the more densely populated township areas in the Province is provided for the most part by the 355 municipal electrical utilities associated with the Commission's East and West Systems. In 28 other communities, including towns, townships, and villages, the Commission owns the distribution facilities and serves the retail customers directly.

For the purposes of this Report, however, it seems appropriate to bring both these aspects of retail service in municipal systems together since they are similar in every respect except administration. The accompanying table and graphs, therefore, cover three major classes of service provided during 1967 in all 383 communities where a total of 1,705,152 customers were served, 1,673,104 by the municipal electrical utilities and 32,048 by the Commission.

In this Municipal Electrical Service Supplement, a brief commentary on these operations in general is followed by commentary on the municipal electrical utilities in particular. These are supplemented by tabular statements giving information on financial operations, rates, consumption, typical bills, and average cost per kilowatt-hour. Statements "A" and "B" include a balance sheet and an operating statement for each of the municipal electrical utilities, and Statements "C"

Municipal Electrical Service
CUSTOMERS, REVENUE, AND CONSUMPTION
1958 to 1967

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
Residential	1958	69,804,608	6,036,470,489	1,139,061	442	1.16
	1959	73,955,229	6,540,969,291	1,194,878	456	1.13
	1960	78,337,615	6,944,659,090	1,234,903	469	1.13
	1961	83,682,550	7,400,028,084	1,307,893	472	1.13
	1962	89,016,406	7,852,651,665	1,346,408	486	1.13
	1963	93,121,018	8,255,600,930	1,382,270	498	1.13
	1964	98,724,259	8,742,950,806	1,434,174	508	1.13
	1965	106,738,283	9,423,405,257	1,475,590	532	1.13
	1966	114,462,536	10,102,582,788	1,505,780	559	1.13
	1967	123,236,091	10,796,826,704	1,540,505*	584	1.14
Commercial	1958	35,968,060	2,445,225,765	122,446*	1,664	1.47
	1959	38,079,501	2,669,327,226	120,733*	1,842	1.43
	1960	41,229,320	2,921,670,317	123,441*	1,972	1.41
	1961	45,718,484	3,289,119,534	122,863*	2,231	1.39
	1962	49,438,348	3,633,872,392	121,964*	2,483	1.36
	1963	53,130,394	3,983,332,309	123,296*	2,692	1.33
	1964	58,244,181	4,460,958,590	125,555*	2,961	1.31
	1965	64,558,257	4,988,713,185	127,645*	3,257	1.29
	1966	72,309,441	5,705,565,474	132,270*	3,595	1.27
	1967	81,101,116	6,450,509,342	140,087*	3,837	1.26
Industrial Power . . .	1958	52,741,979	5,651,743,390	23,077*	20,409	0.93
	1959	61,167,603	7,052,152,034	23,545*	24,960	0.87
	1960	64,057,506	7,326,683,025	23,613*	25,857	0.87
	1961	69,215,271	7,994,001,074	23,179*	28,740	0.87
	1962	74,198,657	8,704,987,001	23,145*	31,342	0.85
	1963	79,740,870	9,581,875,552	23,456*	34,042	0.83
	1964	86,451,270	10,488,380,325	23,866*	36,622	0.82
	1965	95,988,774	11,668,654,346	23,675*	41,072	0.82
	1966	100,320,320	12,077,932,115	23,999*	41,939	0.83
	1967	106,988,141	12,594,313,013	24,560*	42,733	0.85
†General Rate	1967	†30,517,324	†3,262,998,579	†27,566	†9,864	†0.94

NOTE: Kwh consumption figures for residential and commercial service in the above table reflect the use of flat-rate water heaters for a uniform average of 16.8 hours per day.

*Irregular variations from year to year in numbers of customers result from reclassifications from commercial to residential and from industrial power to commercial service.

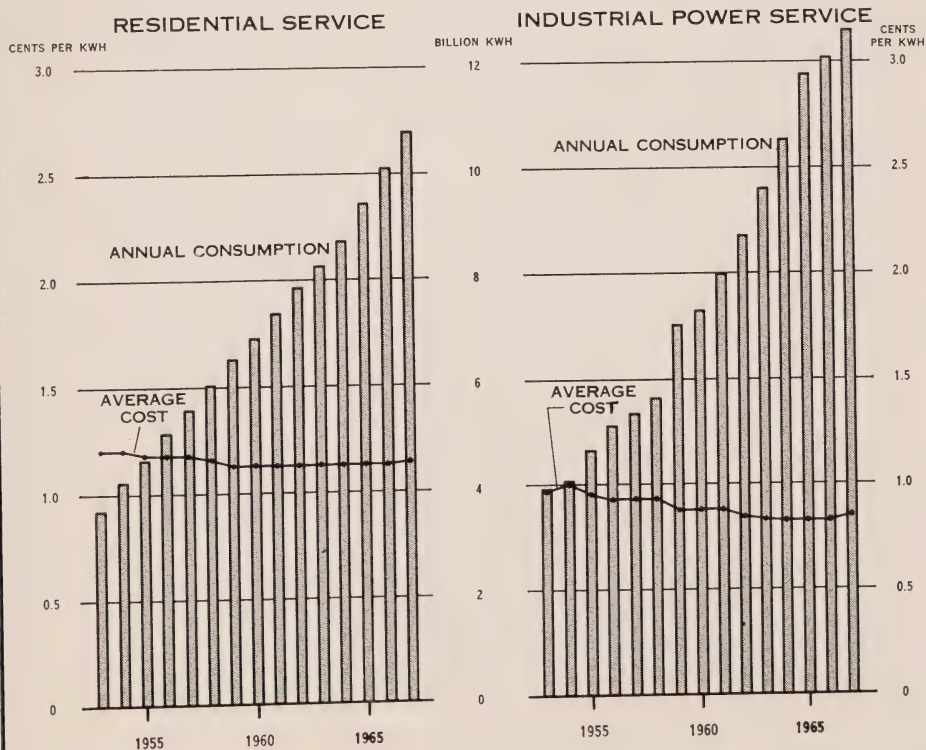
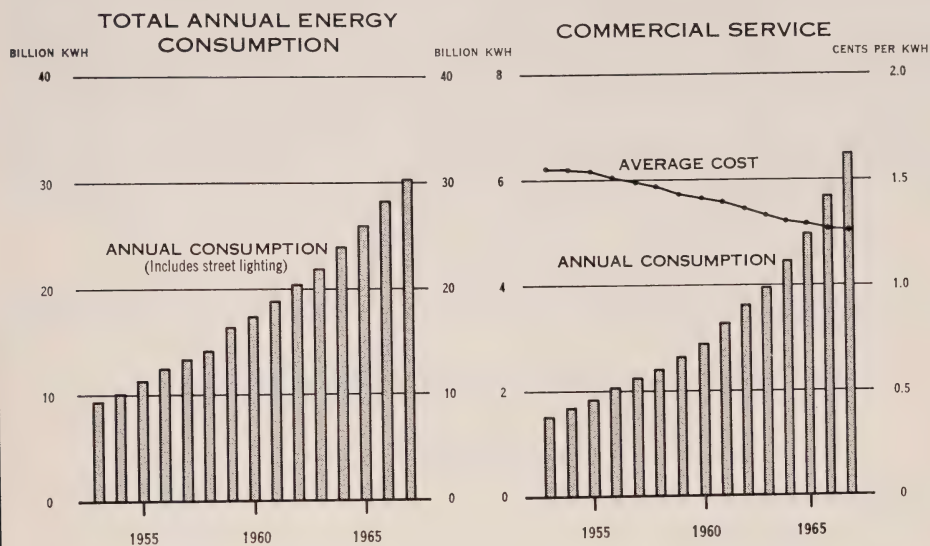
†The General Rate, where it is in effect, applies to all former Commercial, Small Commercial, and Industrial Power Service customers. In 1967, with the new rate in use by thirty-six municipal electrical utilities as compared with only two in 1966, the new category is reported separately for the first time. For comparison of trends in usage and cost, however, the continuity of the statistical record is maintained by including the General Rate totals also in the former classifications in proportion to their distribution in earlier years.

and "D" more general statistics for all 383 communities. The population figures quoted are for the most part those given in the Municipal Directory for 1968, published by the Department of Municipal Affairs of the Province of Ontario.

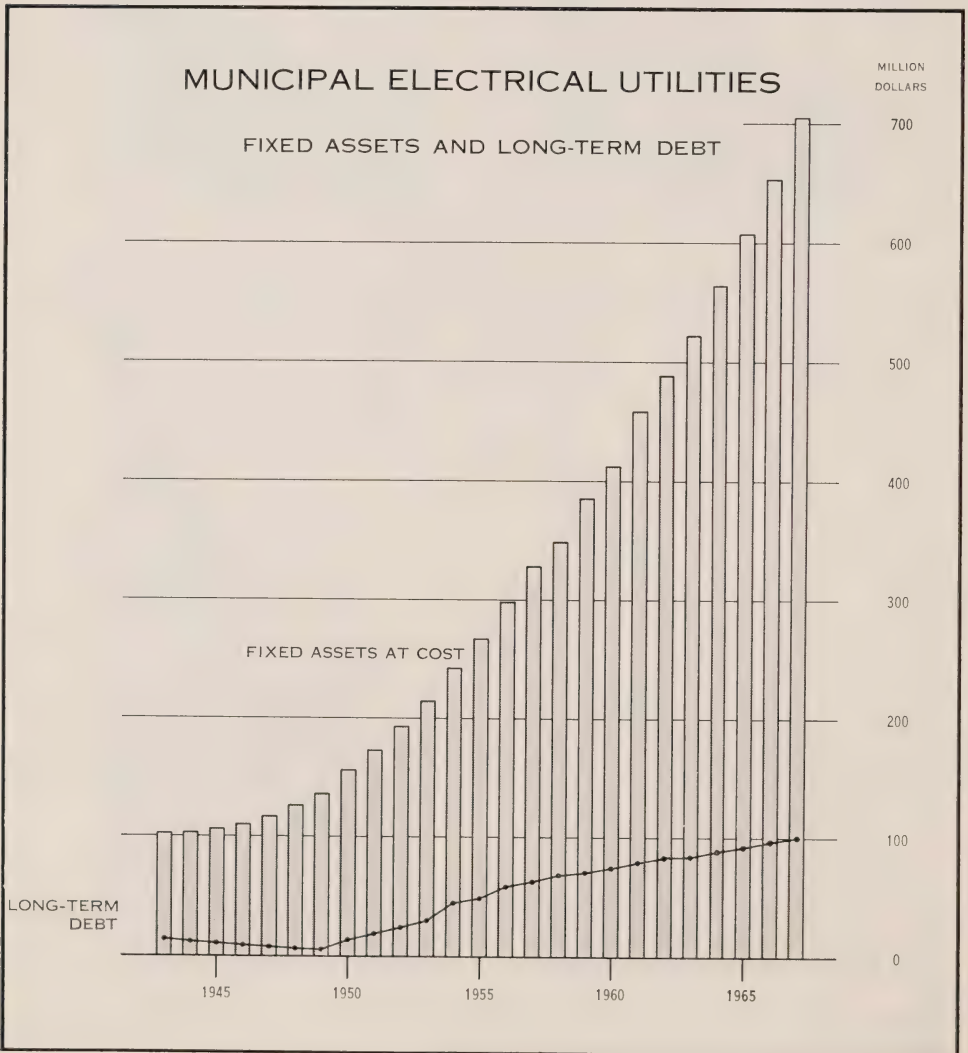
The considerably extended use during 1967 of the general rate introduced in 1966 is indicated in the table of customers, revenue, and consumption where

MUNICIPAL ELECTRICAL SERVICE

ANNUAL ENERGY CONSUMPTION AND AVERAGE COST PER KILOWATT-HOUR



27,566 customers now appear in this classification. Until a firm basis for year-to-year comparison has been established on the new grouping, these customers have also been included in the three former groups roughly in proportion to their former ratios. On this basis of calculation, all three classes of service improved on last year's rate of growth in total revenue, and number of customers. In total, growth in consumption for power service was better than in 1966, and growth in residential and commercial service, while closely approximating last year's rates was still better than the average for the past five years. There is a continuing increase in average consumption per customer in all three classes of service, but generally at somewhat slower rates. The average cost per kilowatt-hour rose slightly for residential and industrial power service customers. All

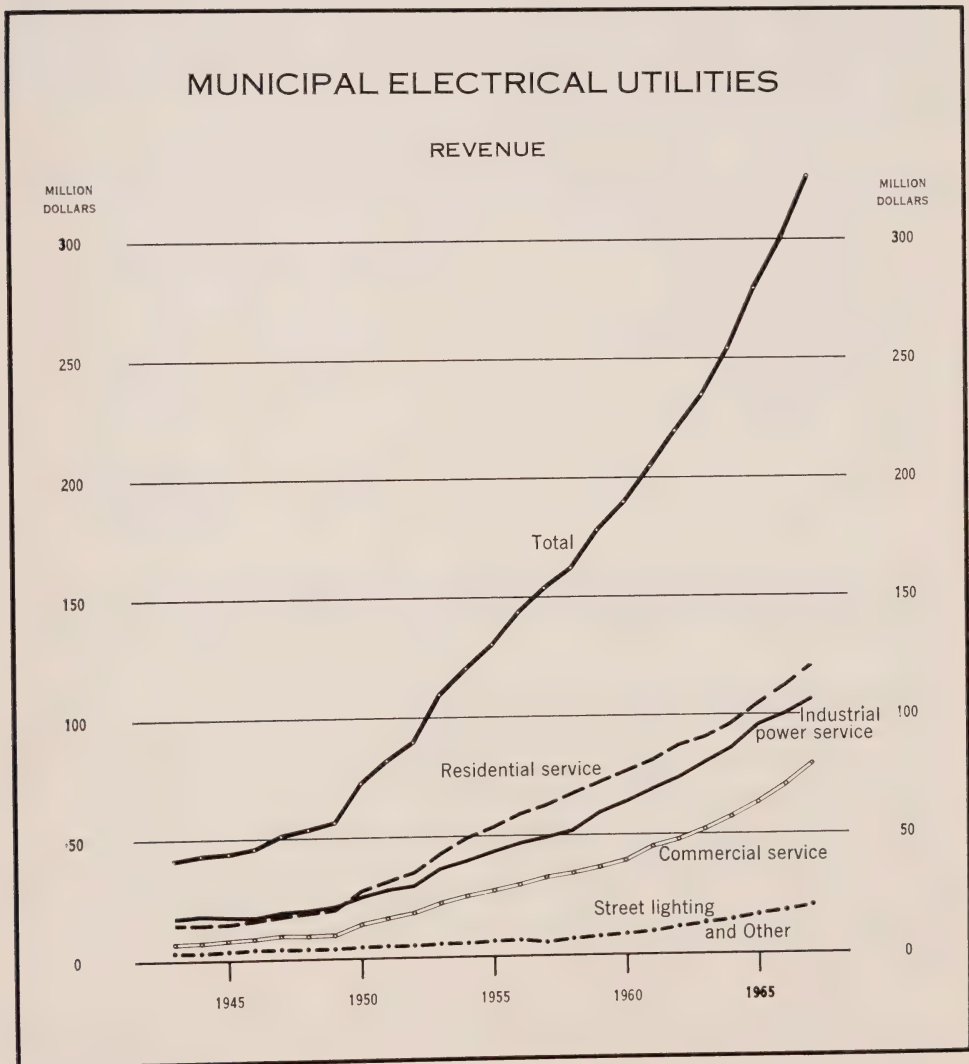


these statistical comparisons are to some extent affected by customer reclassification to which reference is made in the note on the summary table.

MUNICIPAL ELECTRICAL UTILITIES

The total assets of the 355 municipal electrical utilities served under cost contracts in 1967 amounted to \$1,067,514,191 after deducting accumulated depreciation of \$182,315,075. The increase in total assets amounted to \$73,151,558. The decline from 358 to 355 in the number of utilities served is accounted for in the Consumer Service Section of the Report.

That part of the utilities' assets designated as Equity in Ontario Hydro, in the amount of \$439,046,394, is the sum of the annual contributions made by the



utilities under a levy specifically designated in their cost of power for the retirement of the Commission's long-term debt. The equity represents 41.1 per cent of the total assets of the municipal utilities, and each utility's share in this total, its contributions plus interest, is shown in Statement A. These utility equities and their sum would correspond with the amounts shown in the Commission's schedule of Equities Accumulated through Debt Retirement Charges if the latter schedule were available when the utilities close their books at the end of the year. Since the calculations for the Commission's schedule cannot be made to meet this requirement, the figures in Statement A, showing an increase in total equity of \$32,716,602 are for the most part as at the end of 1966 rather than 1967.

The investment of the municipal electrical utilities in fixed assets at cost increased by \$52,574,623 to a total of \$706,702,798. All but \$647,279 of this additional capital was provided from internally generated funds. With this modest expansion of net long-term debt, that is debentures outstanding less local sinking fund set aside specifically for the retirement of debt, the proportion of net long-term debt relative to fixed assets at cost fell from 13.5 per cent at the end of 1966 to 12.6 per cent at the end of 1967.

Total revenues of the municipal utilities were up by 8.4 per cent, rising to \$326,546,903, derived as follows:

Residential Service	\$120,844,574
Commercial Service	73,175,825
Industrial Power Service	96,154,435
General Service	16,932,354
Street Lighting	9,749,478
Other	9,690,237
Total	<u>\$326,546,903</u>

Total expense of the municipal utilities was \$306,092,379 or 9.7 per cent greater than expense in 1966, leaving a margin of net revenue of \$20,454,524, which was 6.3 per cent of total revenue as compared with 7.3 per cent in 1966.

The Commission regards such a margin of net income as an economical source of funds for use by the municipal utilities in the normal expansion of their systems. This is particularly true under present conditions of excessively high interest rates on borrowed funds. The margin also provides a stabilizing factor in the process of retail rate adjustment. This is taken into consideration in all reviews of municipal utility retail rates. The Commission, as required by The Power Commission Act, exercises supervisory control over the activities of the municipal electrical utilities, and their rates to ultimate customers are subject to the Commission's review and approval.

The books of account from which the foregoing financial information is derived are kept by the utilities in accordance with a standard accounting system

designed by the Commission for use by all its municipal electric-utility customers. These records are periodically inspected by the Commission's municipal accountants. From time to time adjustments and improvements in accounting procedure and office routine are recommended as required. By providing this type of assistance and supervision, the Commission seeks to ensure the correct application of rates and standard procedures and the observance of a uniform classification of revenues and expenditures. The work carried out by the Commission's municipal accountants on the utilities' behalf does not, however, constitute an audit of their accounts. The municipalities must make their own arrangements for this audit.

MUNICIPAL ELECTRICAL SERVICE

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MUNICIPAL ELECTRICAL UTILITIES

Municipality.....	1958	1959	1960	1961
Population.....	354	354	354	354
A. BALANCE SHEET				
FIXED ASSETS	\$	\$	\$	\$
Plant and facilities at cost.....	349,706,161	385,419,306	413,611,989	457,392,623
Less accumulated depreciation.....	72,673,866	77,551,575	82,246,973	100,165,249
Net fixed assets.....	277,032,295	307,867,731	331,365,016	357,227,374
CURRENT ASSETS				
Cash on hand and in bank.....	10,769,037	10,400,010	12,250,801	15,105,454
Investments—short term.....				
—long term.....	13,333,906	15,560,183	13,990,120	14,672,152
Accounts receivable (net).....	13,911,267	13,463,791	12,868,807	14,190,953
Other.....				
Total current assets.....	38,014,210	39,423,984	39,109,728	43,968,559
OTHER ASSETS				
Inventories.....	17,237,653	9,381,215	9,197,511	9,590,459
Sinking fund on debentures.....	1,033,436	1,726,182	2,316,958	3,261,509
Miscellaneous assets.....	2,214,392	2,421,279	2,553,588	2,643,494
Total other assets.....	20,485,481	13,528,676	14,068,057	15,495,462
Equity in Ontario Hydro.....	218,736,441	238,790,589	261,101,650	282,255,861
Total.....	554,268,427	599,610,980	645,644,451	698,947,256
LIABILITIES				
Debentures outstanding.....	69,363,792	70,456,844	74,429,684	81,812,075
Current liabilities.....	10,105,465	10,589,995	10,485,382	12,594,844
Other liabilities.....	6,175,200	6,565,031	7,146,524	7,860,946
Total liabilities.....	85,644,457	87,611,870	92,061,590	102,267,865
RESERVES				
Equity in Ontario Hydro.....	218,736,441	238,790,589	261,101,650	282,255,861
Other reserves.....	3,507,375	2,864,918	2,920,005	2,468,637
Total reserves.....	222,243,816	241,655,507	264,021,655	284,724,498
CAPITAL				
Debentures redeemed.....	75,021,200	77,881,620	81,266,027	84,572,157
Sinking fund debentures.....	1,033,436	1,726,182	2,316,958	3,261,509
Accumulated net income invested in plant or held as working funds.....	170,871,551	190,444,985	205,984,657	224,121,227
Contributed capital.....				
Frequency standardization expense charged this year.....	546,033	290,816	6,436	
Total capital.....	246,380,154	270,343,603	289,561,206	311,954,893
Total.....	554,268,427	599,610,980	645,644,451	698,947,256
B. OPERATING STATEMENT				
REVENUE				
Sale of electrical energy.....	160,700,759	175,686,813	186,599,701	201,891,409
Miscellaneous.....	1,723,986	2,400,070	2,720,870	3,274,114
Total revenue.....	162,424,745	178,086,883	189,320,571	205,165,523
EXPENSE				
Power purchased.....	98,563,451	111,160,867	122,634,361	130,857,200
Local generation.....	509,240	531,076	536,118	529,955
Operation and maintenance.....	15,544,060	17,065,080	18,273,164	19,486,528
Administration.....	13,654,386	14,954,828	15,766,246	17,342,308
Financial.....	6,175,773	6,824,770	7,440,556	8,203,772
Depreciation.....	9,216,594	10,030,350	10,750,710	11,466,692
Other.....	13,060	14,316	22,506	81,734
Total expense.....	143,676,564	160,581,287	175,423,661	187,968,189
Net income.....	18,748,181	17,505,596	13,896,910	17,197,334
Number of customers.....	1,255,805	1,310,099	1,351,915	1,423,427

CONSOLIDATED FINANCIAL STATEMENTS 1958-1967

1962	1963	1964	1965	1966	1967
355	355	357	360	358	355
\$	\$	\$	\$	\$	\$
488,393,074	523,032,765	564,408,772	607,675,682	654,128,175	706,702,798
109,914,757	120,564,846	133,554,046	148,250,022	164,122,993	182,315,075
378,478,317	402,467,919	430,854,726	459,425,660	490,005,182	524,387,723
18,063,961	19,175,569	22,394,390	29,195,624	12,138,312	11,784,458
.....	.....	.....	.....	19,530,448	21,164,511
16,984,376	16,225,459	13,290,755	9,749,732	9,515,323	9,039,413
15,807,380	15,572,525	16,566,500	18,398,616	23,415,599	23,168,868
.....	.....	.....	.....	.....	1,834,703
50,855,717	50,973,553	52,251,645	57,343,972	64,599,682	66,941,953
9,742,156	10,351,372	10,878,773	12,648,044	14,192,035	15,803,084
4,312,070	5,442,451	6,626,453	7,740,863	9,073,286	11,099,516
2,715,626	3,235,378	6,505,335	8,782,008	10,162,656	10,185,521
16,769,852	19,029,201	24,010,561	29,170,915	33,427,977	37,088,121
305,826,987	329,924,857	354,153,351	378,707,011	406,329,792	439,046,394
751,930,873	802,395,530	861,270,283	924,647,558	994,362,633	1,067,514,191
83,167,367	82,865,177	87,951,607	92,106,967	97,299,929	99,973,438
12,753,744	12,860,334	14,627,872	17,815,810	21,534,264	28,417,741
8,254,687	8,534,095	9,799,228	10,515,302	10,693,822	8,671,660
104,175,798	104,259,606	112,378,707	120,438,079	129,528,015	137,062,839
305,826,987	329,924,857	354,153,351	378,707,011	406,329,792	439,046,394
2,481,991	2,323,811	2,251,343	2,156,022	1,842,605	1,458,579
308,308,978	332,248,668	356,404,694	380,863,033	408,172,397	440,504,973
88,386,510	92,400,155	96,501,461	101,145,958	105,895,961	110,647,680
4,312,070	5,442,451	6,626,453	7,740,863	9,073,286	11,099,516
246,747,517	258,763,652	278,077,894	300,558,283	323,795,867	345,444,966
.....	9,280,998	11,281,074	13,901,342	17,897,107	22,754,217
.....
339,446,097	365,887,256	392,486,882	423,346,446	456,662,221	489,946,379
751,930,873	802,395,530	861,270,283	924,647,558	994,362,633	1,067,514,191
216,412,017	230,166,226	247,890,291	272,214,069	292,499,953	316,856,666
4,439,792	5,324,613	6,108,283	7,176,496	8,640,589	9,690,237
220,851,809	235,490,839	253,998,574	279,390,565	301,140,542	326,546,903
139,291,682	152,433,112	167,184,292	184,430,710	201,058,552	220,454,314
570,500	572,079	564,536	571,767	612,063	708,788
20,760,837	21,989,333	23,527,954	21,920,862	23,123,145	25,552,916
18,482,105	19,550,879	20,367,906	21,816,697	23,762,160	26,050,076
8,912,277	9,135,950	9,678,755	10,222,785	11,045,582	12,131,296
11,655,654	12,557,510	13,486,318	17,744,672	19,352,182	21,137,680
73,080	76,738	26,460	78,450	92,300	57,309
199,746,135	216,315,601	234,836,221	256,835,943	279,045,984	306,092,379
21,105,674	19,175,238	19,162,353	22,554,622	22,094,558	20,454,524
1,460,553	1,497,857	1,552,238	1,595,343	1,630,255	1,673,104

Municipal Electrical Utilities Financial

Municipality	Acton	Ailsa Craig	Ajax	Alexandria	Alfred	Alliston
Population	4,429	554	10,337	2,860	1,189	3,165
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	622,711	66,663	1,344,689	459,260	102,359	350,791
Less accumulated depreciation	125,685	8,191	437,027	130,107	35,806	94,377
Net fixed assets	497,026	58,472	907,662	329,153	66,553	256,414
CURRENT ASSETS						
Cash on hand and in bank	37,220	12,045	141,265	8,227	10,925	36,433
Investments—short term	40,000				7,000	
—long term	3,000		850	13,000		13,000
Accounts receivable (net)	7,318	250	25,311	3,919	3,852	14,312
Other						
Total current assets	87,538	12,295	167,426	25,146	21,777	63,745
OTHER ASSETS						
Inventories	1,229		31,501	21,086		5,232
Sinking fund on debentures						
Miscellaneous assets			5,619	4,611	519	
Total other assets	1,229		37,120	25,697	519	5,232
Equity in Ontario Hydro	584,047	63,427	333,565	244,596	29,195	250,198
Total	1,169,840	134,194	1,445,773	624,592	118,044	575,589
LIABILITIES						
Debentures outstanding	39,200		408,916	50,000	18,500	
Current liabilities	6,109	1,560	40,574	13,106	2,259	1,315
Other liabilities	6,427	283	34,620	13,534	689	6,933
Total liabilities	51,736	1,843	484,110	76,640	21,448	8,248
RESERVES						
Equity in Ontario Hydro	584,047	63,427	333,565	244,596	29,195	250,198
Other reserves						
Total reserves	584,047	63,427	333,565	244,596	29,195	250,198
CAPITAL						
Debentures redeemed	44,739	6,884	168,964	53,078	19,500	29,990
Sinking fund debentures						
Accumulated net income invested in plant or held as working funds	469,949	62,040	389,067	246,771	46,901	285,153
Contributed capital	19,369		70,067	3,507	1,000	2,000
Total capital	534,057	68,924	628,098	303,356	67,401	317,143
Total	1,169,840	134,194	1,445,773	624,592	118,044	575,589
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	335,672	28,116	608,776	199,455	55,603	229,425
Miscellaneous	5,400	301	14,815	9,472	471	9,031
Total revenue	341,072	28,417	623,591	208,927	56,074	238,456
EXPENSE						
Power purchased	221,921	19,261	433,071	143,177	38,476	154,369
Local generation						
Operation and maintenance	34,375	2,914	42,448	11,302	2,482	19,941
Administration	23,296	1,662	54,181	16,509	4,797	24,363
Financial	6,049		41,988	379	2,903	
Depreciation	14,854	1,767	43,175	13,531	3,424	9,216
Other						
Total expense	300,495	25,604	614,863	184,898	52,082	207,889
Net income or net expense	40,577	2,813	8,728	24,029	3,992	30,567
Number of customers	1,441	232	2,798	1,060	355	1,208

Statements for the Year Ended December 31, 1967

Almonte	Alvinston	Amherst- burg	Ancaster Twp.	Apple Hill	Arkona	Arnprior	Arthur	Athens
3,560	634	4,460	15,130	325	402	5,625	1,254	1,006
\$ 566,021 141,442	\$ 86,594 31,659	\$ 642,203 167,712	\$ 335,308 93,461	\$ 30,865 10,573	\$ 55,483 19,959	\$ 672,112 158,564	\$ 159,174 43,086	\$ 84,335 23,118
424,579	54,935	474,491	241,847	20,292	35,524	513,548	116,088	61,217
20,435	5,526	10,576	13,963	7,090	8,812	14,642	11,131	1,817
.....	.....	.....	68,000	.....	10,287	.....	.....	988
13,000	7,500	18,000	.....	.....	6,000	40,000	10,000	7,640
5,054	658	11,333	6,108	428	2,272	3,581	857	1,780
.....	577	.....	255	75	.....	2,000	.....	.....
38,489	14,261	39,909	88,326	7,593	27,371	60,223	21,988	12,225
3,799	.....	17,645	306	.....	.....	4,842	256	.....
.....
.....	576	.....	7,104	75	.....	.....	424	2,579
3,799	576	17,645	7,410	75	.....	4,842	680	2,579
132,637	66,804	469,399	222,112	18,446	49,224	411,823	112,722	57,974
599,504	136,576	1,001,444	559,695	46,406	112,119	990,436	251,478	133,995
.....	.....	.....	34,400	.....	.....	34,386	10,200	.....
10,181	426	2,768	848	347	710	17,890	90	1,333
2,149	185	3,926	3,185	47	36	7,831	782	419
12,330	611	6,694	38,433	394	746	60,107	11,072	1,752
132,637	66,804	469,399	222,112	18,446	49,224	411,823 942	112,722	57,974
.....
132,637	66,804	469,399	222,112	18,446	49,224	412,765	112,722	57,974
72,000	23,529	68,237	93,846	5,080	13,113	110,859	25,714	12,988
.....
380,926	44,471	457,114	203,371	22,486	49,036	395,581	101,970	60,667
1,611	1,161	.....	1,933	.....	.....	11,124	.....	614
454,537	69,161	525,351	299,150	27,566	62,149	517,564	127,684	74,269
599,504	136,576	1,001,444	559,695	46,406	112,119	990,436	251,478	133,995
171,968	24,958	292,904	184,946	8,642	20,844	383,110	65,071	32,116
2,055	330	5,217	5,860	253	763	13,578	908	483
174,023	25,288	298,121	190,806	8,895	21,607	396,688	65,979	32,599
100,833	11,760	192,166	123,223	5,483	13,043	310,539	39,433	24,874
14,791	.....	.....	.....	.....	.....	.....	.....	.....
12,973	3,316	16,498	15,013	1,174	1,198	19,636	5,890	1,684
23,531	5,649	34,710	16,676	1,656	1,657	24,670	5,546	2,703
.....	.....	1,477	6,380	.....	.....	5,333	1,036	.....
14,155	3,024	15,313	9,795	1,030	1,857	24,826	4,832	2,530
.....
166,283	23,749	260,164	171,087	9,343	17,755	385,004	56,737	31,791
7,740	1,539	37,957	19,719	448	3,852	11,684	9,242	808
1,202	336	1,479	1,163	115	201	1,947	544	367

Municipal Electrical Utilities Financial

Municipality	Atikokan Twp.	Aurora	Avonmore	Aylmer	Ayr	Baden
Population	6,586	10,424	229	4,225	1,119	945
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	696,683	980,289	30,318	564,262	123,605	109,742
Less accumulated depreciation	230,352	242,777	12,350	187,583	23,837	30,907
Net fixed assets	466,331	737,512	17,968	376,679	99,768	78,835
CURRENT ASSETS						
Cash on hand and in bank	63,161	71,762	6,900	29,707	1,607	15,217
Investments—short term		140,000				
—long term		34,000			7,000	
Accounts receivable (net)	8,327	9,473	1,242	9,902	2,078	710
Other						106
Total current assets	71,488	255,235	8,142	39,609	10,685	16,033
OTHER ASSETS						
Inventories	10,758	979		717	62	215
Sinking fund on debentures						
Miscellaneous assets	13,675	4,750	527	517		
Total other assets	24,433	5,729	527	1,234	62	215
Equity in Ontario Hydro	288,442	412,680	10,788	457,247	103,184	147,265
Total	850,694	1,411,156	37,425	874,769	213,699	242,348
LIABILITIES						
Debentures outstanding	228,000	177,000	10,000	18,000		
Current liabilities	27,451	61,177	367	1,489	7,537	1
Other liabilities	25,314	6,785		3,224	896	310
Total liabilities	280,765	244,962	10,367	22,713	8,433	311
RESERVES						
Equity in Ontario Hydro	288,442	412,680	10,788	457,247	103,184	147,265
Other reserves						
Total reserves	288,442	412,680	10,788	457,247	103,184	147,265
CAPITAL						
Debentures redeemed	172,000	46,177	4,000	70,702	17,503	5,000
Sinking fund debentures						
Accumulated net income invested in plant or held as working funds	90,663	685,946	12,270	304,434	84,093	89,772
Contributed capital	18,824	21,391		19,673	486	
Total capital	281,487	753,514	16,270	394,809	102,082	94,772
Total	850,694	1,411,156	37,425	874,769	213,699	242,348
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	310,353	485,464	14,021	292,390	64,518	55,265
Miscellaneous	15,731	31,779	137	2,586	966	366
Total revenue	326,084	517,243	14,158	294,976	65,484	55,631
EXPENSE						
Power purchased	200,184	341,344	7,497	216,457	43,449	40,992
Local generation						
Operation and maintenance	33,345	33,328	1,259	16,307	5,397	2,597
Administration	50,321	42,918	1,337	19,596	7,254	5,328
Financial	35,590	20,154	1,070	5,265		
Depreciation	27,473	29,468	1,053	15,677	3,715	3,678
Other						
Total expense	346,913	467,212	12,216	273,302	59,815	52,595
Net income or net expense	20,829	50,031	1,942	21,674	5,669	3,036
Number of customers	1,861	3,011	114	1,631	417	308

Statements for the Year Ended December 31, 1967

Bancroft	Barrie	Barry's Bay	Bath	Beachburg	Beachville	Beamsville	Beaverton	Beeton
2,159	24,993	1,369	761	452	961	3,885	1,078	961
\$ 447,388 134,958	\$ 3,013,187 996,076	\$ 122,748 24,843	\$ 91,051 25,292	\$ 73,487 28,454	\$ 132,670 54,917	\$ 389,514 109,917	\$ 213,836 49,382	\$ 87,040 19,268
312,430	2,017,111	97,905	65,759	45,033	77,753	279,597	164,454	67,772
20,480	33,898	3,501	12,088	15,036	21,419	6,248	480	6,667
10,000			15,000					
					64,031		10,000	16,000
11,653	74,921	2,135	1,085	334	1,391	1,028	900	3,031
	69				9,985	287	1,000	
42,133	108,888	5,636	28,173	15,370	96,826	7,563	12,380	25,698
594	50,807				23		164	345
1,469	3,765			1,465			940	
2,063	54,572			1,465	23		1,104	345
89,512	1,748,625	31,945	33,748	21,432	281,004	169,312	141,874	83,347
446,138	3,929,196	135,486	127,680	83,300	455,606	456,472	319,812	177,162
33,000	145,000		4,500	40,050				
12,009	98,710	5,376	703	126	98	19,662	3,147	963
2,432	25,190	171	795	135	724	2,718	1,215	992
47,441	268,900	5,547	5,998	40,311	822	22,380	4,362	1,955
89,512	1,748,625	31,945	33,748	21,432	281,004	169,312	141,874	83,347
89,512	1,748,625	31,945	33,748	21,432	281,004	169,312	141,874	83,347
99,500	80,366	7,500	13,000	11,950	5,537	37,500	12,839	13,610
200,300	1,820,580	90,217	66,745	9,607	166,633	227,233	160,737	78,250
9,385	10,725	277	8,189		1,610	47		
309,185	1,911,671	97,994	87,934	21,557	173,780	264,780	173,576	91,860
446,138	3,929,196	135,486	127,680	83,300	455,606	456,472	319,812	177,162
111,752	1,476,707	43,344	32,477	29,155	119,011	168,003	83,603	36,204
5,724	40,305	339	821	304	4,622	5,836	1,485	2,024
117,476	1,517,012	43,683	33,298	29,459	123,633	173,839	85,088	38,228
61,678	1,081,456	31,216	19,612	18,543	109,633	96,629	52,715	27,401
4,582								
7,791	125,188	1,684	1,500	1,046	3,754	22,903	7,215	2,557
13,969	126,152	5,346	3,551	2,382	3,378	12,609	6,632	3,014
6,045	21,224		775	4,576		471		
14,954	108,283	3,463	2,885	2,490	5,207	13,325	6,342	2,985
109,019	1,462,303	41,709	28,323	29,037	121,972	145,937	72,904	35,957
8,457	54,709	1,974	4,975	422	1,661	27,902	12,184	2,271
792	8,557	462	275	224	328	1,355	631	347

Municipal Electrical Utilities Financial

Municipality.....	Belle River	Belleville	Belmont	Blenheim	Bloomfield	Blyth
Population.....	2,337	32,627	708	3,311	716	747
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	210,563	4,063,989	87,756	425,121	70,052	103,373
Less accumulated depreciation.....	36,372	1,033,250	26,433	113,675	30,522	31,424
Net fixed assets.....	174,191	3,030,739	61,323	311,446	39,530	71,949
CURRENT ASSETS						
Cash on hand and in bank.....		53,847	20,318	6,767	12,511	4,357
Investments—short term.....		350,000		25,000	1,500	
—long term.....	7,000		9,650		5,993	9,525
Accounts receivable (net).....	2,559	52,560	188	6,117	273	377
Other.....		508	171		100	
Total current assets.....	9,559	456,915	30,327	37,884	20,377	14,259
OTHER ASSETS						
Inventories.....	644	62,968		2,785		29
Sinking fund on debentures.....						
Miscellaneous assets.....		11,664	4,483			
Total other assets.....	644	74,632	4,483	2,785		29
Equity in Ontario Hydro.....	100,469	2,306,725	29,409	236,715	59,856	90,022
Total.....	284,863	5,869,011	125,542	588,830	119,763	176,259
LIABILITIES						
Debentures outstanding.....		750,000	48,500	12,871		
Current liabilities.....	13,181	42,169	2,052	388	68	108
Other liabilities.....	1,158	53,296	184	8,227	490	189
Total liabilities.....	14,339	845,465	50,736	21,486	558	297
RESERVES						
Equity in Ontario Hydro.....	100,469	2,306,725	29,409	236,715	59,856	90,022
Other reserves.....						
Total reserves.....	100,469	2,306,725	29,409	236,715	59,856	90,022
CAPITAL						
Debentures redeemed.....	19,555	279,997	5,379	85,589	9,797	16,032
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	150,500	2,378,434	38,196	245,040	49,552	69,908
Contributed capital.....		58,390	1,822			
Total capital.....	170,055	2,716,821	45,397	330,629	59,349	85,940
Total.....	284,863	5,869,011	125,542	588,830	119,763	176,259
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	93,770	1,772,380	71,662	162,274	31,095	51,814
Miscellaneous.....	1,544	77,560	3,069	2,632	526	1,165
Total revenue.....	95,314	1,849,940	74,731	164,906	31,621	52,979
EXPENSE						
Power purchased.....	53,296	1,145,615	53,296	92,534	20,328	37,337
Local generation.....						
Operation and maintenance.....	8,914	126,022	2,438	14,126	2,565	5,611
Administration.....	10,246	191,417	4,950	23,152	3,282	2,831
Financial.....	217	70,938	4,867	5,959		
Depreciation.....	5,069	123,740	3,680	12,225	2,350	3,700
Other.....						
Total expense.....	77,742	1,657,732	69,231	147,996	28,525	49,479
Net income or net expense.....	17,572	192,208	5,500	16,910	3,096	3,500
Number of customers.....	856	11,316	244	1,275	296	351

Statements for the Year Ended December 31, 1967

Bobcaygeon	Bolton	Bothwell	Bowman- ville	Bracebridge	Bradford	Braeside	Brampton	Brantford
1,204	2,344	833	8,328	3,165	2,621	545	35,739	59,150
\$ 284,504 97,636	\$ 203,360 62,746	\$ 104,053 38,499	\$ 1,000,284 414,251	\$ 1,009,464 298,190	\$ 381,090 105,128	\$ 52,337 9,743	\$ 5,571,718 1,008,310	\$ 7,333,153 2,016,871
186,868	140,614	65,554	586,033	711,274	275,962	42,594	4,563,408	5,316,282
12,963	20,807	11,018	52,337	2,969	2,726	12,402	54,979	86,814
.....	.....	.....	40,000	.....	.....	.....	.....	.....
.....	.....	.....	59,491	19,625	.....	15,000	.....	.....
1,352	7,137	1,129	11,349	16,104	14,676	1,691	290,601	112,456
.....	.....	143	1,601	.....	1,307	450	1,209	5,742
14,315	27,944	12,290	164,778	38,698	18,709	29,543	346,789	205,012
4,505	.....	307	18,729	5,496	7,544	.....	206,157	141,690
.....
3,890	16,755	.....	.....	15,101	11,889	4,787	33,514	5,960
8,395	16,755	307	18,729	20,597	19,433	4,787	239,671	147,650
64,953	126,428	73,336	810,201	15,116	191,433	79,302	1,548,744	6,553,422
274,531	311,741	151,487	1,579,741	785,685	505,537	156,226	6,698,612	12,222,366
67,800	45,954	.....	.....	112,025	.....	.....	2,240,980	483,578
7,457	5,479	2,047	3,361	3,566	446	3,174	476,760	71,656
576	4,997	89	4,204	.....	2,892	157	251,579	101,648
75,833	56,430	2,136	7,565	115,591	3,338	3,331	2,969,319	656,882
64,953	126,428	73,336	810,201	15,116	191,433	79,302	1,548,744	6,553,422
.....
64,953	126,428	73,336	810,201	15,116	191,433	79,302	1,548,744	6,553,422
21,200	35,564	5,534	71,000	393,775	23,351	6,000	491,227	1,211,105
.....
.....
109,421	92,190	70,331	688,378	261,203	287,415	67,593	1,613,163	3,623,955
3,124	1,129	150	2,597	.....	.....	.....	76,159	177,002
133,745	128,883	76,015	761,975	654,978	310,766	73,593	2,180,549	5,012,062
274,531	311,741	151,487	1,579,741	785,685	505,537	156,226	6,698,612	12,222,366
94,689	113,875	39,378	508,429	193,296	149,853	82,566	2,168,632	3,411,427
1,792	1,910	1,682	21,989	7,853	4,833	1,900	1,706	47,687
96,481	115,785	41,060	530,418	201,149	154,686	84,466	2,170,338	3,459,114
53,919	75,148	23,823	394,570	42,962	92,691	78,754	1,462,662	2,568,232
.....	.....	.....	.....	45,447	.....	.....	.....	.....
8,310	7,003	6,624	28,309	24,078	15,947	1,305	128,304	194,122
11,663	15,632	6,685	26,614	23,391	16,940	1,994	125,369	201,871
8,314	5,676	.....	.....	28,897	.....	.....	245,313	57,548
9,847	7,817	3,733	40,091	26,868	12,093	1,736	169,770	208,732
.....
92,053	111,276	40,865	489,584	191,643	137,671	83,789	2,131,418	3,230,505
4,428	4,509	195	40,834	9,506	17,015	677	38,920	228,609
800	713	349	2,811	1,350	946	162	9,212	19,585

Municipal Electrical Utilities Financial

Municipality.....	Brantford Twp. 9,116	Brechin 256	Bridgeport 2,103	Bridgen 535	Brighton 2,767	Brockville 19,477
Population						
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,550,460	23,984	157,465	64,802	295,696	2,887,871
Less accumulated depreciation.....	457,876	7,178	39,977	19,370	59,613	693,873
Net fixed assets.....	1,092,584	16,806	117,488	45,432	236,083	2,193,998
CURRENT ASSETS						
Cash on hand and in bank.....	70,624	3,141	1,871	7,541	3,770	28,976
Investments—short term.....	25,000					
—long term.....		9,500		9,355		12,000
Accounts receivable (net).....	6,706	930	1,249	247	7,019	33,277
Other.....	913	50			486	
Total current assets.....	103,243	13,621	3,120	17,143	11,275	74,253
OTHER ASSETS						
Inventories.....	36,290		363		13,460	66,618
Sinking fund on debentures.....						
Miscellaneous assets.....			101		1,980	5,080
Total other assets.....	36,290		464		15,440	71,698
Equity in Ontario Hydro.....	487,198	25,758	93,676	52,153	167,797	1,768,819
Total.....	1,719,315	56,185	214,748	114,728	430,595	4,108,768
LIABILITIES						
Debentures outstanding.....	309,825		16,470		29,200	622,500
Current liabilities.....	22,083	26	3,106	36	3,772	36,437
Other liabilities.....	5,770	226	1,764	204	3,300	2,049
Total liabilities.....	337,678	252	21,340	240	36,272	660,986
RESERVES						
Equity in Ontario Hydro.....	487,198	25,758	93,676	52,153	167,797	1,768,819
Other reserves.....						
Total reserves.....	487,198	25,758	93,676	52,153	167,797	1,768,819
CAPITAL						
Debentures redeemed.....	245,532	2,664	23,179	8,000	35,800	383,070
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	620,161	27,511	75,265	54,335	188,500	1,258,893
Contributed capital.....	28,746		1,288		2,226	37,000
Total capital.....	894,439	30,175	99,732	62,335	226,526	1,678,963
Total.....	1,719,315	56,185	214,748	114,728	430,595	4,108,768
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	644,177	8,751	95,216	21,095	132,110	1,216,367
Miscellaneous.....	10,222	389	599	537	3,155	51,005
Total revenue.....	654,399	9,140	95,815	21,632	135,265	1,267,372
EXPENSE						
Power purchased.....	439,100	6,182	63,701	12,158	85,134	858,087
Local generation.....						
Operation and maintenance.....	52,421	1,273	9,402	1,871	7,597	86,206
Administration.....	37,537	1,005	12,720	2,242	12,506	121,997
Financial.....	43,104		2,541		3,554	72,628
Depreciation.....	48,860	757	4,488	2,033	8,792	92,341
Other.....						
Total expense.....	621,022	9,217	92,852	18,304	117,583	1,231,259
Net income or net expense.....	33,377	77	2,963	3,328	17,682	36,113
Number of customers.....	2,759	104	601	211	1,107	6,827

Statements for the Year Ended December 31, 1967

Brussels	Burford	Burgessville	Burk's Falls	Burlington	Cache Bay	Caledonia	Campbell- ford	Campbell- ville
832	1,095	296	796	71,643	681	2,786	3,503	249
\$	\$	\$	\$	\$	\$	\$	\$	\$
113,188	133,739	38,490	94,519	8,044,472	61,918	240,442	828,079	25,276
14,575	46,185	12,524	24,667	1,610,088	24,018	72,793	239,529	7,527
98,613	87,554	25,966	69,852	6,434,384	37,900	167,649	588,550	17,749
9,025	4,904	7,374	11,154	1,560	5,462	14,785	15,154	6,468
.....	.....	.....	.....	200,000	.....	.....	80,000	.....
.....	3,500	1,500	11,690	35,000	24,000	.....	.....	2,457
1,690	1,543	105	2,351	159,436	2,672	6,892	7,663	381
.....	248	36	406	24,846	.....	59	.....	701
10,715	10,195	9,015	25,601	420,842	32,134	21,736	102,817	10,007
173	71	113	14	154,682	1,031	1,532	24,291	.....
.....
.....	.....	37	.....	59,548	1,632	.....	2,431	.....
173	71	150	14	214,230	2,663	1,532	26,722	.....
99,587	103,427	31,089	47,950	1,974,224	31,159	151,275	36,861	23,161
209,088	201,247	66,220	143,417	9,043,680	103,856	342,192	754,950	50,917
1,000	6,024	.....	.....	1,858,100	.....	.....	118,000	.....
1,963	2,175	196	1,102	205,483	149	848	9,350	200
292	2,168	270	192	275,960	108	1,539	2,908	.....
3,255	10,367	466	1,294	2,339,543	257	2,387	130,258	200
99,587	103,427	31,089	47,950	1,974,224	31,159	151,275	36,861	23,161
.....
99,587	103,427	31,089	47,950	1,974,224	31,159	151,275	36,861	23,161
27,000	14,830	3,500	29,147	851,533	25,359	15,525	34,500	5,448
.....
79,246	72,623	31,165	65,026	3,508,952	47,081	173,005	552,402	22,108
.....	.....	.....	.....	369,428	.....	.....	929	.....
106,246	87,453	34,665	94,173	4,729,913	72,440	188,530	587,831	27,556
209,088	201,247	66,220	143,417	9,043,680	103,856	342,192	754,950	50,917
48,558	59,338	16,718	53,585	3,733,293	13,019	98,540	149,572	11,826
492	3,185	482	892	111,527	1,575	1,770	13,169	630
49,050	62,523	17,200	54,477	3,844,820	14,594	100,310	162,741	12,456
30,300	40,005	11,273	40,910	2,537,258	7,514	61,135	54,995	7,528
.....	.....	.....	.....	.....	.....	.....	14,291	.....
3,512	6,858	299	4,737	199,221	721	9,347	12,691	673
4,398	6,447	810	5,200	218,446	3,163	11,893	33,310	1,015
1,078	1,217	.....	.....	224,993	.....	.....	13,177	.....
3,359	5,387	1,440	2,664	232,010	2,170	7,819	20,136	1,019
.....
42,647	59,914	13,822	53,511	3,411,928	13,568	90,194	148,600	10,235
6,403	2,609	3,378	966	432,892	1,026	10,116	14,141	2,221
395	445	108	370	19,171	175	964	1,373	89

Municipal Electrical Utilities Financial

Municipality.....	Cannington	Capreol	Cardinal	Carleton Place 4,927	Casselman	Cayuga
Population.....	1,057	3,096	1,951		1,244	1,007
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	119,243	337,731	104,788	480,260	119,101	126,346
Less accumulated depreciation.....	35,990	66,187	30,118	108,061	29,393	40,415
Net fixed assets.....	83,253	271,544	74,670	372,199	89,708	85,931
CURRENT ASSETS						
Cash on hand and in bank.....	15,018	22,432	1,681	23,842		10,007
Investments—short term.....					27,000	10,000
—long term.....	8,500		1,500	15,000	14,000	6,000
Accounts receivable (net).....	1,449	689	1,180	6,392	4,541	1,036
Other.....		620				
Total current assets.....	24,967	23,741	4,361	45,234	45,541	27,043
OTHER ASSETS						
Inventories.....			570	14,986		469
Sinking fund on debentures.....						
Miscellaneous assets.....	3,088	6,351	4,668	248	4,838	
Total other assets.....	3,088	6,351	5,238	15,234	4,838	469
Equity in Ontario Hydro.....	94,062	144,938	106,397	561,072	47,772	72,159
Total.....	205,370	446,574	190,666	993,739	187,859	185,602
LIABILITIES						
Debentures outstanding.....		55,100		35,150	23,500	
Current liabilities.....	1,405	3,759	79	2,660	3,842	831
Other liabilities.....	742	5,758	635	4,273	65	744
Total liabilities.....	2,147	64,617	714	42,083	27,407	1,575
RESERVES						
Equity in Ontario Hydro.....	94,062	144,938	106,397	561,072	47,772	72,159
Other reserves.....						
Total reserves.....	94,062	144,938	106,397	561,072	47,772	72,159
CAPITAL						
Debentures redeemed.....	14,532	66,900	11,014	73,147	46,500	20,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	94,629	167,503	72,541	298,438	65,780	91,868
Contributed capital.....		2,616		18,999	400	
Total capital.....	109,161	237,019	83,555	390,584	112,680	111,868
Total.....	205,370	446,574	190,666	993,739	187,859	185,602
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	45,276	151,731	56,072	262,852	58,333	52,111
Miscellaneous.....	1,377	944	842	1,900	2,057	1,302
Total revenue.....	46,653	152,675	56,914	264,752	60,390	53,413
EXPENSE						
Power purchased.....	33,466	92,758	38,962	151,970	37,848	28,579
Local generation.....						
Operation and maintenance.....	1,292	9,185	5,239	29,092	1,500	4,896
Administration.....	4,217	19,121	6,008	33,555	7,277	6,550
Financial.....		8,601		5,943	5,462	
Depreciation.....	3,683	8,796	3,130	13,102	3,344	4,200
Other.....						
Total expense.....	42,658	138,461	53,339	233,662	55,431	44,225
Net income or net expense.....	3,995	14,214	3,575	31,090	4,959	9,188
Number of customers.....	462	1,040	680	1,865	407	424

Statements for the Year Ended December 31, 1967

Chalk River 1,056	Chapleau Twp. 3,599	Chatham 31,374	Chatsworth 372	Chesley 1,697	Chesterville 1,309	Chippawa 3,967	Clifford 514	Clinton 3,315
\$ 87,931 30,018	\$ 230,052 8,364	\$ 4,229,043 1,208,680	\$ 34,722 12,518	\$ 141,570 60,819	\$ 124,987 35,180	\$ 323,592 79,461	\$ 62,193 19,563	\$ 465,696 134,327
57,913	221,688	3,020,363	22,204	80,751	89,807	244,131	42,630	331,369
2,509	38,964	147,660	13,518	9,806	27,275	22,957	11,780	44,528
.....	.....	290,000	.....	.....	.....	.....	10,000	.....
.....	.....	100,000	13,856	33,000	6,000	.....	3,000	.....
335	4,553	254,697	969	4,304	5,391	8,669	69	6,243
.....	2,962	5,842	800	.....	.....	.....	.....	.....
2,844	46,479	798,199	29,143	47,110	38,666	31,626	24,849	50,771
.....	.....	165,190	.....	832	.....	1,305	.....	7,900
2,634	12,467	40,965	.....	2,382	627	528	.....	.....
2,634	12,467	206,155	.....	3,214	627	1,833	.....	7,900
30,696	38,268	2,774,156	38,053	215,535	173,589	141,416	57,596	315,402
94,087	318,902	6,798,873	89,400	346,610	302,689	419,006	125,075	705,442
32,500	60,000	251,532	.....	.....	.....	41,700	3,416	24,500
908	1,448	190,695	1,357	1,428	1,308	3,862	548	5,701
.....	7,044	.....	255	711	433	2,919	.....	5,367
33,408	68,492	442,227	1,612	2,139	1,741	48,481	3,964	35,568
30,696	38,268	2,774,156	38,053	215,535	173,589	141,416	57,596	315,402
.....
30,696	38,268	2,774,156	38,053	215,535	173,589	141,416	57,596	315,402
22,500	55,000	1,268,468	5,014	24,410	5,889	36,650	11,513	97,173
.....
7,483	149,963	2,314,022	44,721	104,526	121,470	179,724	52,002	244,140
.....	7,179	.....	.....	.....	.....	12,735	.....	13,159
29,983	212,142	3,582,490	49,735	128,936	127,359	229,109	63,515	354,472
94,087	318,902	6,798,873	89,400	346,610	302,689	419,006	125,075	705,442
35,485	166,631	2,468,276	18,860	73,969	85,011	131,525	27,941	179,870
370	4,473	52,932	1,139	3,634	1,478	1,009	1,577	7,832
35,855	171,104	2,521,208	19,999	77,603	86,489	132,534	29,518	187,702
25,651	71,317	1,387,150	11,989	57,267	65,588	80,014	19,457	111,900
.....
1,417	31,195	464,133	1,829	7,199	4,012	14,914	924	14,358
2,332	24,347	280,832	2,502	11,034	6,494	11,467	1,998	21,224
4,425	9,894	77,262	.....	.....	.....	6,703	569	4,717
2,810	5,411	106,984	1,325	5,218	3,905	8,900	2,324	14,381
.....
36,635	142,164	2,316,361	17,645	80,718	79,999	121,998	25,272	166,580
780	28,940	204,847	2,354	3,115	6,490	10,536	4,246	21,122
276	1,055	10,762	191	789	477	1,261	242	1,308

Municipal Electrical Utilities Financial

Municipality.....	Cobden	Cobourg	Cochrane	Colborne	Coldwater	Collingwood
Population.....	811	10,269	4,650	1,485	741	8,329
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	86,396	1,404,133	611,114	175,904	73,075	1,115,951
Less accumulated depreciation.....	24,894	480,872	133,701	27,604	17,364	231,886
Net fixed assets.....	61,502	923,261	477,413	148,300	55,711	884,065
CURRENT ASSETS						
Cash on hand and in bank.....	14,035	9,590		4,151	2,855	300
Investments—short term.....		25,000				
—long term.....	6,000	10,000			22,500	10,000
Accounts receivable (net).....	1,104	15,666	22,555	9,422	2,735	9,485
Other.....		503	1,514	120		494
Total current assets.....	21,139	60,759	24,069	13,693	28,090	20,279
OTHER ASSETS						
Inventories.....		21,020	28,126	18,085		33,181
Sinking fund on debentures.....						
Miscellaneous assets.....	579		13,237			807
Total other assets.....	579	21,020	41,363	18,085		33,988
Equity in Ontario Hydro.....	57,559	967,419	137,739	96,774	80,204	866,057
Total.....	140,779	1,972,459	680,584	276,852	164,005	1,804,389
LIABILITIES						
Debentures outstanding.....			42,250			68,000
Current liabilities.....	3,447	2,359	24,030	3,656	4,199	92,398
Other liabilities.....	571	14,046	17,198	2,861	351	8,696
Total liabilities.....	4,018	16,405	83,478	6,517	4,550	169,094
RESERVES						
Equity in Ontario Hydro.....	57,559	967,419	137,739	96,774	80,204	866,057
Other reserves.....						
Total reserves.....	57,559	967,419	137,739	96,774	80,204	866,057
CAPITAL						
Debentures redeemed.....	4,949	105,994	102,750	12,195	6,868	40,183
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	74,253	872,356	356,617	160,765	72,383	721,631
Contributed capital.....		10,285		601		7,424
Total capital.....	79,202	988,635	459,367	173,561	79,251	769,238
Total.....	140,779	1,972,459	680,584	276,852	164,005	1,804,389
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	39,884	704,836	240,622	89,350	40,937	523,430
Miscellaneous.....	263	26,490	8,410	2,685	1,059	9,343
Total revenue.....	40,147	731,326	249,032	92,035	41,996	532,778
EXPENSE						
Power purchased.....	30,942	589,941	147,273	52,730	32,412	387,219
Local generation.....						
Operation and maintenance.....	1,648	38,162	32,444	6,807	4,381	31,240
Administration.....	3,741	59,943	38,281	10,542	2,688	41,449
Financial.....			9,634			7,535
Depreciation.....	2,606	53,933	17,021	3,856	2,082	28,227
Other.....						
Total expense.....	38,937	741,979	244,653	73,935	41,563	495,670
Net income or net expense.....	1,210	10,653	4,379	18,100	433	37,108
Number of customers.....	401	3,481	1,419	635	303	3,541

Statements for the Year Ended December 31, 1967

Comber	Coniston	Cookstown	Cottam	Courtright	Creemore	Dashwood	Deep River	Delaware
630	2,679	705	670	657	916	432	5,636	425
\$ 86,936 27,997	\$ 162,893 30,981	\$ 66,763 20,318	\$ 70,966 24,435	\$ 50,631 9,513	\$ 93,050 17,729	\$ 49,111 8,936	\$ 775,082 234,235	\$ 39,226 15,668
58,939	131,912	46,445	46,531	41,118	75,321	40,175	540,847	23,558
13,640	4,609	9,415	6,205	6,856	7,936	23,537	18,317	8,516
.....	.....	6,014	11,000	.....	5,000	.....	60,000	10,000
772	934	1,694	221	964	1,182	189	3,093	25
.....	.....	500	92	.....	.....	1,688	.....	.....
14,412	5,543	17,623	17,518	7,820	14,118	25,414	81,410	18,541
84	495	42	.....	25	174	.....	10,970	.....
.....	22,492	.....	.....	.....	.....	.....	8,611	.....
84	22,987	42	.....	25	174	.....	19,581	.....
71,956	42,376	46,474	38,885	32,978	72,693	50,942	158,440	30,856
145,391	202,818	110,584	102,934	81,941	162,306	116,531	800,278	72,955
.....	28,000	.....	.....	.....	.....	.....	157,097	.....
193	4,329	1,440	3,475	1,309	243	.....	11,235	178
153	8,755	735	.....	.....	646	.....	1,256	171
346	41,084	2,175	3,475	1,309	889	.....	169,588	349
71,956	42,376	46,474	38,885	32,978	72,693	50,942	158,440	30,856
.....
71,956	42,376	46,474	38,885	32,978	72,693	50,942	158,440	30,856
12,489	22,000	12,001	13,893	8,138	2,824	3,400	73,903	4,000
.....
60,600	97,358	49,934	46,681	36,232	85,900	62,189	131,884	37,392
.....	.....	.....	.....	3,284	.....	.....	266,463	358
73,089	119,358	61,935	60,574	47,654	88,724	65,589	472,250	41,750
145,391	202,818	110,584	102,934	81,941	162,306	116,531	800,278	72,955
28,570	81,205	26,501	24,232	23,303	37,415	30,640	290,072	19,407
827	550	543	1,184	166	872	144	10,553	1,076
29,397	81,755	27,044	25,416	23,469	38,287	30,784	300,625	20,483
15,346	55,103	20,265	12,760	11,685	26,866	17,546	212,259	12,124
.....
3,711	6,435	2,777	2,687	2,507	3,855	1,672	20,166	2,362
4,791	9,319	1,380	3,375	2,395	3,132	2,179	26,953	1,520
.....	3,919	.....	.....	.....	.....	.....	18,630	.....
2,894	4,028	2,116	2,590	1,437	2,848	1,308	22,458	1,840
.....
26,742	78,804	26,538	21,412	18,024	36,701	22,705	300,466	17,846
2,655	2,951	506	4,004	5,445	1,586	8,079	159	2,637
248	706	274	263	231	372	192	1,522	149

Municipal Electrical Utilities Financial

Municipality.....	Delhi	Deseronto	Dorchester	Drayton	Dresden	Drumbo
Population	3,684	1,731	1,082	664	2,361	443
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	518,424	172,577	89,294	96,140	330,070	38,033
Less accumulated depreciation.....	141,765	69,461	29,006	15,787	74,523	18,425
Net fixed assets.....	376,659	103,116	60,288	80,353	255,547	19,608
CURRENT ASSETS						
Cash on hand and in bank.....	18,047	15,235	11,714	4,825	7,595	5,030
Investments—short term.....	65,000			1,500		
—long term.....		4,000	1,500	9,500	1,000	5,500
Accounts receivable (net).....	5,075	4,742	703	174	9,945	726
Other.....			468	218		1,107
Total current assets.....	88,122	23,977	14,385	16,217	18,540	12,363
OTHER ASSETS						
Inventories.....	14,811	10,237		246	5,874	
Sinking fund on debentures.....						
Miscellaneous assets.....						
Total other assets.....	14,811	10,237		246	5,874	
Equity in Ontario Hydro.....	227,415	116,592	54,829	70,507	215,170	41,301
Total.....	707,007	253,922	129,502	167,323	495,131	73,272
LIABILITIES						
Debentures outstanding.....			1,222		3,802	
Current liabilities.....	766	831	419	76	1,549	194
Other liabilities.....	4,753	1,490	682	631	2,287	143
Total liabilities.....	5,519	2,321	2,323	707	7,638	337
RESERVES						
Equity in Ontario Hydro.....	227,415	116,592	54,829	70,507	215,170	41,301
Other reserves.....						
Total reserves.....	227,415	116,592	54,829	70,507	215,170	41,301
CAPITAL						
Debentures redeemed.....	85,000	15,000	6,078	9,500	47,420	4,500
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	350,732	120,009	66,272	86,459	224,903	27,082
Contributed capital.....	38,341			150		52
Total capital.....	474,073	135,009	72,350	96,109	272,323	31,634
Total.....	707,007	253,922	129,502	167,323	495,131	73,272
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	194,919	80,952	36,646	37,318	163,552	16,441
Miscellaneous.....	7,504	4,164	1,444	826	3,179	914
Total revenue.....	202,423	85,116	38,090	38,144	166,731	17,355
EXPENSE						
Power purchased.....	126,713	54,574	25,161	21,025	91,911	11,463
Local generation.....						
Operation and maintenance.....	16,934	7,794	2,672	2,605	17,422	519
Administration.....	18,940	9,598	2,930	2,966	27,255	1,336
Financial.....			247		1,344	
Depreciation.....	14,858	6,627	3,482	2,811	7,269	1,770
Other.....						
Total expense.....	177,445	78,593	34,492	29,407	145,201	15,088
Net income or net expense.....	24,978	6,523	3,598	8,737	21,530	2,267
Number of customers.....	1,567	620	382	286	966	180

Statements for the Year Ended December 31, 1967

Dryden	Dublin	Dundalk	Dundas	Dunnville	Durham	Dutton	East York	Eganville
6,718	315	906	15,461	5,456	2,434	710	96,569	1,367
\$ 920,750 296,611	\$ 57,662 15,357	\$ 90,028 17,294	\$ 2,428,168 468,901	\$ 683,818 162,618	\$ 272,455 61,405	\$ 82,086 20,753	\$ 6,285,617 1,566,885	\$ 206,231 70,851
624,139	42,305	72,734	1,959,267	521,200	211,050	61,333	4,718,732	135,380
30,103	1,730	2,621	29,068	35,219	29,581	663	156,475	14,558
25,000							300,000	
	1,000	26,500	9,000		19,000		200,000	15,000
1,224	403	1,932	21,735	3,173	10,322	448	216,906	768
	169		8,271	1,055			104	
56,327	3,302	31,053	68,074	39,447	58,903	1,111	873,485	30,326
6,903		100	24,035	36,786	1,141	72	79,878	1,706
3,558			21,595		6,122		9,351	
10,461		100	45,630	36,786	7,263	72	89,229	1,706
213,103	34,884	91,214	981,494	515,689	209,072	92,468	3,985,105	34,563
904,030	80,491	195,101	3,054,465	1,113,122	486,288	154,984	9,666,551	201,975
86,000			783,400	27,980	25,000		116,000	
9,524	161	94	84,279	6,701	1,457	3,174	137,874	503
20,851	94	378	16,242	8,503	1,269	472		441
116,375	255	472	883,921	43,184	27,726	3,646	253,874	944
213,103	34,884	91,214	981,494	515,689	209,072	92,468	3,985,105	34,563
213,103	34,884	91,214	981,494	515,689	209,072	92,468	3,985,105	34,563
115,430	6,200	5,727	293,774	111,959	30,324	8,407	1,155,803	98,007
459,122	37,598	97,688	766,139	416,364	219,166	50,463	4,153,552	68,461
	1,554		129,137	25,926			118,217	
574,552	45,352	103,415	1,189,050	554,249	249,490	58,870	5,427,572	166,468
904,030	80,491	195,101	3,054,465	1,113,122	486,288	154,984	9,666,551	201,975
361,171	23,578	54,982	809,063	299,669	132,275	33,180	2,744,530	70,548
15,840	241	902	25,731	1,144	6,170	390	167,982	991
377,011	23,819	55,884	834,794	300,813	138,445	33,570	2,912,512	71,539
208,527	15,604	33,411	516,305	182,181	88,430	18,862	1,869,198	34,308
50,352	2,730	4,085	70,746	35,355	11,553	4,585	281,926	10,854
44,311	2,483	4,722	68,851	22,745	16,565	3,145	287,528	2,737
12,735			85,363	5,401	2,540		43,113	6,891
31,705	1,785	2,313	68,045	16,784	7,879	2,511	225,158	5,463
347,630	22,602	44,531	809,310	262,466	126,967	29,103	2,706,923	65,899
29,381	1,217	11,353	25,484	38,347	11,478	4,467	205,589	5,640
2,196	125	511	4,947	2,055	928	358	24,963	513

Municipal Electrical Utilities Financial

Municipality.....	Elmira	Elmvale	Elmwood	Elora	Embro	Embrun
Population.....	4,165	1,027	450	1,667	649	1,234
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	574,217	102,830	27,068	183,491	90,181	129,923
Less accumulated depreciation.....	164,718	31,774	11,149	64,874	30,865	31,906
Net fixed assets.....	409,499	71,056	15,919	118,617	59,316	98,017
CURRENT ASSETS						
Cash on hand and in bank.....	40,992	12,226	5,081	7,046	8,587	6,875
Investments—short term.....	50,000			21,396		
—long term.....	25,000	11,799	7,000	8,000	6,000	
Accounts receivable (net).....	9,389	2,166	185	2,408	876	2,089
Other.....	484	500		288	608	
Total current assets.....	125,865	26,691	12,266	39,138	16,071	8,964
OTHER ASSETS						
Inventories.....	1,053	361		983		
Sinking fund on debentures.....						
Miscellaneous assets.....		1,856				4,458
Total other assets.....	1,053	2,217		983		4,458
Equity in Ontario Hydro.....	532,511	87,599	31,672	175,504	62,165	28,997
Total.....	1,068,928	187,563	59,857	334,242	137,552	140,436
LIABILITIES						
Debentures outstanding.....				1,800		96,500
Current liabilities.....	26,257	1,333	6	863	9,859	2,015
Other liabilities.....	3,544	756	54	1,851	315	
Total liabilities.....	29,801	2,089	60	4,514	10,174	98,515
RESERVES						
Equity in Ontario Hydro.....	532,511	87,599	31,672	175,504	62,165	28,997
Other reserves.....						
Total reserves.....	532,511	87,599	31,672	175,504	62,165	28,997
CAPITAL						
Debentures redeemed.....	37,169	6,544	6,106	18,062	7,500	5,500
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	468,743	91,331	22,019	134,820	57,713	7,424
Contributed capital.....	704			1,342		
Total capital.....	506,616	97,875	28,125	154,224	65,213	12,924
Total.....	1,068,928	187,563	59,857	334,242	137,552	140,436
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	352,628	53,649	12,277	81,647	33,494	66,067
Miscellaneous.....	9,370	1,402	537	2,464	1,779	1,088
Total revenue.....	361,998	55,051	12,814	84,111	35,273	67,155
EXPENSE						
Power purchased.....	264,589	36,233	8,162	46,424	21,893	43,516
Local generation.....						
Operation and maintenance.....	12,470	2,730	772	12,038	3,402	2,264
Administration.....	23,991	6,385	1,428	11,742	3,799	3,328
Financial.....				604		8,940
Depreciation.....	16,390	3,353	935	5,899	3,363	4,046
Other.....						
Total expense.....	317,440	48,701	11,297	76,707	32,457	62,094
Net income or net expense.....	44,558	6,350	1,517	7,404	2,816	5,061
Number of customers.....	1,433	447	150	578	262	355

Statements for the Year Ended December 31, 1967

Erieau	Erie Beach	Erin	Espanola	Essex	Etobicoke	Exeter	Fenelon Falls*	Fergus
461	199	1,161	5,408	3,681	263,743	3,143	1,397	4,573
\$	\$	\$	\$	\$	\$	\$	\$	\$
102,171	26,102	112,463	433,898	412,703	33,911,289	512,154	307,843	556,376
31,769	6,371	21,317	102,236	137,867	6,770,437	135,004	83,370	150,475
70,402	19,731	91,146	331,662	274,836	27,140,852	377,150	224,473	405,901
8,770	5,974	1,803	22,313	34,499	.....	25,250	18,962	39,277
.....	.....	.....	20,000	.....	700,000	25,000	.....	.....
3,923	.....	5,012	14,000	.....	155,000	9,095	.....	15,000
1,226	216	660	8,878	4,255	736,687	3,799	3,960	6,391
.....	.....	1,012	.....	323	4,105	97	253	1,158
13,919	6,190	8,487	65,191	39,077	1,595,792	63,241	23,175	61,826
30	.....	155	1,170	21,837	811,128	752	6,884	847
.....	.....	.....	.....	.....	2,403,238	.....	.....	.....
261	.....	.....	10,244	269	192,083	1,318	507	.....
291	.....	155	11,414	22,106	3,406,449	2,070	7,391	847
64,288	11,319	43,480	74,637	245,966	14,136,092	319,007	.....	512,934
148,900	37,240	143,268	482,904	581,985	46,279,185	761,468	255,039	981,508
.....	.....	.....	114,000	7,400	9,408,037	42,093	72,000	12,000
25	22	989	14,804	8,478	1,089,881	1,246	3,497	2,866
222	202	997	5,357	.....	.....	3,330	3,087	4,357
247	224	1,986	134,161	15,878	10,497,918	46,669	78,584	19,223
64,288	11,319	43,480	74,637	245,966	14,136,092	319,007	.....	512,934
.....
64,288	11,319	43,480	74,637	245,966	14,136,092	319,007	.....	512,934
20,529	7,783	14,242	31,000	43,749	3,094,836	22,907	88,000	62,961
.....	.....	.....	.....	.....	2,403,238	.....	.....	.....
63,836	17,914	83,560	159,400	273,900	14,359,488	347,917	79,314	379,154
.....	.....	.....	83,706	2,492	1,787,613	24,968	9,141	7,236
84,365	25,697	97,802	274,106	320,141	21,645,175	395,792	176,455	449,351
148 900	37,240	143,268	482,904	581,985	46,279,185	761,468	255,039	981,508
37,125	9,304	57,167	216,916	177,118	16,094,938	216,431	25,298	386,575
814	91	2,375	8,496	4,143	306,754	4,027	252	5,529
37,939	9,395	59,542	225,412	181,261	16,401,692	220,458	25,550	392,104
22,308	3,749	36,338	143,493	102,697	11,767,099	123,477	10,152	288,950
.....	.....	.....	.....	.....	.....	.....	6,465	.....
4,545	2,289	4,659	17,092	18,121	948,020	15,683	2,322	22,022
3,858	1,508	5,037	27,250	26,410	866,260	25,105	3,061	28,163
1,190	.....	.....	13,394	1,508	1,030,004	3,885	2,604	2,104
3,258	817	3,804	12,315	12,105	899,438	14,471	1,808	17,060
.....
35,159	8,363	49,838	213,544	160,841	15,510,821	182,621	26,412	358,299
2,780	1,032	9,704	11,868	20,420	890,871	37,837	862	33,805
377	147	485	1,518	1,266	84,292	1,354	832	1,642

*3 months' operation

Municipal Electrical Utilities Financial

Municipality.....	Finch	Flesherton	Fonthill	Forest	Fort William	Frankford
Population.....	348	486	2,869	2,197	48,203	1,857
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	48,797	41,020	235,169	229,359	5,802,519	151,697
Less accumulated depreciation.....	19,162	16,540	72,106	117,006	2,067,356	40,833
Net fixed assets.....	29,635	24,480	163,063	112,353	3,735,163	110,864
CURRENT ASSETS						
Cash on hand and in bank.....	9,275	2,670	15,220	21,198	10,805	15,759
Investments—short term.....			15,000		400,000	
—long term.....	6,000	15,000		38,426	50,000	
Accounts receivable (net).....	4,715	833	888	2,133	186,533	1,891
Other.....						275
Total current assets.....	19,990	18,503	31,108	61,757	647,338	17,925
OTHER ASSETS						
Inventories.....			27	4,783	154,298	
Sinking fund on debentures.....						
Miscellaneous assets.....					10,628	1,518
Total other assets.....			27	4,783	164,926	1,518
Equity in Ontario Hydro.....	39,986	45,975	117,380	242,378	7,110,211	54,779
Total.....	89,611	88,958	311,578	421,271	11,657,638	185,086
LIABILITIES						
Debentures outstanding.....			3,000		284,000	12,000
Current liabilities.....	336	48	5,004	679	23,256	216
Other liabilities.....	348	349	2,514	1,534	85,003	1,454
Total liabilities.....	684	397	10,518	2,213	392,259	13,670
RESERVES						
Equity in Ontario Hydro.....	39,986	45,975	117,380	242,378	7,110,211	54,779
Other reserves.....						
Total reserves.....	39,986	45,975	117,380	242,378	7,110,211	54,779
CAPITAL						
Debentures redeemed.....	7,000	5,831	57,173	23,357	778,139	21,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	41,069	36,755	124,457	149,007	3,362,626	95,637
Contributed capital.....	872		2,050	4,316	14,403	
Total capital.....	48,941	42,586	183,680	176,680	4,155,168	116,637
Total.....	89,611	88,958	311,578	421,271	11,657,638	185,086
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	19,905	22,865	100,729	111,639	2,153,495	66,653
Miscellaneous.....	311	952	4,374	8,333	159,441	4,417
Total revenue.....	20,216	23,817	105,103	119,972	2,312,936	71,070
EXPENSE						
Power purchased.....	12,252	19,027	68,099	79,015	1,650,596	49,305
Local generation.....						
Operation and maintenance.....	1,116	1,717	8,904	9,838	198,633	4,231
Administration.....	2,005	2,508	11,297	13,567	225,655	7,895
Financial.....			668		53,058	1,312
Depreciation.....	1,648	1,442	9,486	10,205	220,130	6,767
Other.....						
Total expense.....	17,021	24,694	98,454	112,625	2,348,072	69,510
Net income or net expense.....	3,195	877	6,649	7,347	35,136	1,560
Number of customers.....	171	256	941	912	15,518	663

Statements for the Year Ended December 31, 1967

Galt	Georgetown	Glencoe	Gloucester Twp.	Goderich	Grand Bend	Grand Valley	Granton	Gravenhurst
33,908	12,617	1,177	22,665	6,643	645	799	314	3,259
\$	\$	\$	\$	\$	\$	\$	\$	\$
4,548,737	1,465,383	171,510	2,784,917	1,134,658	221,090	72,068	24,409	326,031
1,593,684	365,878	61,109	672,068	349,681	67,752	23,482	5,390	101,476
2,955,053	1,099,505	110,401	2,112,849	784,977	153,338	48,586	19,019	224,555
450	200	6,075	74,866	70,978	20,286	17,812	13,302	4,813
75,000	14,000		200,000	90,804		14,000		12,000
165,807	4,282	6,097	96,056	30,028	631	1,257	378	10,542
1,271	1,427	290	9,786	904				368
242,528	19,909	12,462	380,708	192,714	20,917	33,069	13,680	27,723
149,718	44,186	671	63,248	7,502	673			4,838
	378		107,385	905	7,694	2,096		403
149,718	44,564	671	170,633	8,407	8,367	2,096		5,241
3,499,326	863,609	114,043	529,868	819,476	83,532	79,850	30,814	332,791
6,846,625	2,027,587	237,577	3,194,058	1,805,574	266,154	163,601	63,513	590,310
62,596	198,333		2,241,770	33,500	39,467			
78,132	100,928	5,162	57,268	22,899	3,888		5	482
	18,605	548	13,402		671		40	3,376
140,728	317,866	5,710	2,312,440	56,399	44,026		45	3,858
3,499,326	863,609	114,043	529,868	819,476	83,532	79,850	30,814	332,791
3,499,326	863,609	114,043	529,868	819,476	83,532	79,850	30,814	332,791
817,298	195,107	20,113	116,693	179,460	51,533	10,794	6,602	44,279
2,274,922	651,005	91,112	126,007	722,164	80,647	72,957	26,052	204,703
114,351		6,599	109,050	28,075	6,416			4,679
3,206,571	846,112	117,824	351,750	929,699	138,596	83,751	32,654	253,661
6,846,625	2,027,587	237,577	3,194,058	1,805,574	266,154	163,601	63,513	590,310
2,165,079	679,992	63,356	1,277,525	475,828	89,632	35,517	12,426	166,080
12,289	24,514	1,939	59,376	15,622	982	970	11	4,070
2,177,368	704,506	65,295	1,336,901	491,450	90,614	36,487	12,437	170,150
1,513,882	486,646	36,353	832,876	319,291	40,466	24,927	6,637	119,570
180,154	35,175	9,324	59,234	29,065	9,083	846	736	15,158
148,847	58,670	10,449	114,592	58,924	16,064	3,434	1,446	15,541
	29,947		178,497	9,240	6,821			
130,409	49,747	5,308	99,293	35,560	6,254	2,325	716	10,551
1,973,292	660,185	61,434	1,284,492	452,080	78,688	31,532	9,535	160,820
204,076	44,321	3,861	52,409	39,370	11,926	4,955	2,902	9,330
10,636	3,994	558	5,382	2,617	873	354	124	1,447

Municipal Electrical Utilities Financial

Municipality.....	Grimsby	Guelph	Hagersville	Hamilton	Hanover	Harriston
Population.....	6,720	51,873	2,217	288,993	4,985	1,571
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	556,234	7,427,957	234,197	33,105,321	583,179	289,040
Less accumulated depreciation.....	144,037	1,394,529	72,409	5,011,439	189,914	72,467
Net fixed assets.....	412,197	6,033,428	161,788	28,093,882	393,265	216,573
CURRENT ASSETS						
Cash on hand and in bank.....	51,367	35,131	12,620	222,306	5,377	5,111
Investments—short term.....	75,000		40,000	1,300,000		
—long term.....			17,000		22,000	7,000
Accounts receivable (net).....	3,999	192,029	1,471	2,167,139	18,701	967
Other.....	637	4,485	421	36,574		477
Total current assets.....	131,003	231,645	71,512	3,726,019	46,078	13,555
OTHER ASSETS						
Inventories.....	114	118,062	95	848,347	13,533	374
Sinking fund on debentures.....						
Miscellaneous assets.....	3,672	10,811			404	358
Total other assets.....	3,786	128,873	95	848,347	13,937	732
Equity in Ontario Hydro.....	266,507	4,487,048	353,086	46,734,136	538,621	210,195
Total.....	813,493	10,880,994	586,481	79,402,384	991,901	441,055
LIABILITIES						
Debentures outstanding.....	60,000	1,298,000		596,000		31,000
Current liabilities.....	4,510	237,918	6,119	2,287,648	666	1,737
Other liabilities.....	7,830	80,192	1,507	205,140	3,974	1,724
Total liabilities.....	72,340	1,616,110	7,626	3,088,788	4,640	34,461
RESERVES						
Equity in Ontario Hydro.....	266,507	4,487,048	353,086	46,734,136	538,621	210,195
Other reserves.....				215,888		
Total reserves.....	266,507	4,487,048	353,086	46,950,024	538,621	210,195
CAPITAL						
Debentures redeemed.....	115,344	964,145	8,000	7,113,892	80,162	34,708
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	358,413	3,564,577	217,769	22,005,321	356,932	161,691
Contributed capital.....	889	249,114		244,359	11,546	
Total capital.....	474,646	4,777,836	225,769	29,363,572	448,640	196,399
Total.....	813,493	10,880,994	586,481	79,402,384	991,901	441,055
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	310,433	3,791,657	128,320	27,467,015	314,307	108,381
Miscellaneous.....	8,720	68,986	4,642	356,635	2,903	2,133
Total revenue.....	319,153	3,860,643	132,962	27,823,650	317,210	110,514
EXPENSE						
Power purchased.....	189,926	2,633,424	81,045	22,958,057	256,273	71,642
Local generation.....						
Operation and maintenance.....	19,806	208,214	20,595	1,281,664	20,688	10,215
Administration.....	37,696	323,221	15,299	1,307,336	21,915	8,788
Financial.....	10,095	167,670		113,732		2,905
Depreciation.....	18,350	210,323	7,193	794,661	15,830	8,112
Other.....						
Total expense.....	275,873	3,542,852	124,132	26,455,450	314,706	101,662
Net income or net expense.....	43,280	317,791	8,830	1,368,200	2,504	8,852
Number of customers.....	2,271	15,560	857	92,688	1,872	711

Statements for the Year Ended December 31, 1967

Harrow	Hastings	Havelock	Hawkesbury	Hearst	Hensall	Hespeler	Highgate	Holstein
1,877	843	1,248	9,097	2,972	887	5,505	384	171
\$ 321,753 100,078	\$ 121,333 38,915	\$ 132,436 43,971	\$ 915,451 255,182	\$ 356,398 65,224	\$ 185,253 54,880	\$ 664,160 166,362	\$ 46,564 19,988	\$ 13,919 4,421
221,675	82,418	88,465	660,269	291,174	130,373	497,798	26,576	9,498
9,183	3,016	14,836	10,695	12,973	5,790	10,124	6,061	4,608
.....	.....	.....	25,000	.....	.....	35,000	.....	.....
.....	5,000	44,136	.....	40,000	8,926	20,000	3,000	.....
523	883	808	7,619	5,716	3,922	35,885	325	624
.....	.....	.....	.....	.....	.....	1,087	.....	94
9,706	8,899	59,780	43,314	58,689	18,638	102,096	9,386	5,326
115	.....	.....	22,903	740	30	203	.....	30
.....
608	.....	1,593	1,133	4,470	.....	1,152	.....	.....
723	.....	1,593	24,036	5,210	30	1,355	.....	30
217,203	54,782	88,383	189,974	120,375	117,731	855,087	43,820	16,910
449,307	146,099	238,221	917,593	475,448	266,772	1,456,336	79,782	31,764
.....	.....	6,000	108,000	8,000	.....	.....	.....	.....
205	5,476	1,520	5,468	12,651	2,346	2,448	180	8
1,093	540	479	7,670	4,159	545	6,358	188	76
1,298	6,016	7,999	121,138	24,810	2,891	8,806	368	84
217,203	54,782	88,383	189,974	120,375	117,731	855,087	43,820	16,910
.....
217,203	54,782	88,383	189,974	120,375	117,731	855,087	43,820	16,910
12,000	21,000	56,900	177,000	132,000	12,000	77,570	5,000	2,762
.....
216,901	64,043	84,939	402,799	198,263	129,555	512,314	30,594	12,008
1,905	258	.....	26,682	.....	4,595	2,559	.....	.....
230,806	85,301	141,839	606,481	330,263	146,150	592,443	35,594	14,770
449,307	146,099	238,221	917,593	475,448	266,772	1,456,336	79,782	31,764
134,120	44,627	46,896	366,666	184,991	71,612	388,367	13,614	7,799
6,211	1,440	2,340	13,996	4,499	761	13,634	297	.....
140,331	46,067	49,236	380,662	189,490	72,373	402,001	13,911	7,799
84,501	29,214	29,020	243,212	125,852	46,402	305,055	7,263	5,634
.....
11,954	2,131	3,981	27,167	11,900	8,571	24,849	2,546	355
21,068	6,176	5,357	42,780	17,874	9,210	28,648	1,706	606
.....	.....	1,763	20,589	8,340	.....	.....	.....	.....
12,476	4,398	4,271	30,075	9,299	5,508	19,357	1,675	439
.....
129,999	41,919	44,392	363,823	173,265	69,691	377,909	13,190	7,034
10,332	4,148	4,844	16,839	16,225	2,682	24,092	721	765
733	416	463	2,439	819	382	1,739	175	98

Municipal Electrical Utilities Financial

Municipality.....	Huntsville	Ingersoll	Iroquois	Jarvis	Kapuskasing	Kemptville
Population	3,411	7,250	1,104	829	12,453	2,189
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	374,205	952,868	225,567	77,654	724,528	294,669
Less accumulated depreciation.....	100,976	277,696	58,106	26,285	127,127	49,183
Net fixed assets	273,229	675,172	167,461	51,369	597,401	245,486
CURRENT ASSETS						
Cash on hand and in bank.....	34,687	150	9,933	34,180	12,184	4,420
Investments—short term.....	40,000	125,000			30,000	
—long term.....	60,000		48,000			1,000
Accounts receivable (net).....	6,369	23,068	1,030	533	6,676	8,157
Other.....	1,000	1,509		210	1,071	
Total current assets.....	142,056	149,727	58,963	34,923	49,931	13,577
OTHER ASSETS						
Inventories.....	7,594	44,554	333		11,607	10,333
Sinking fund on debentures.....						
Miscellaneous assets.....	1,123	2,245	934		6,704	
Total other assets.....	8,717	46,799	1,267		18,311	10,333
Equity in Ontario Hydro.....	427,909	992,791	78,637	81,840	203,309	209,467
Total.....	851,911	1,864,489	306,328	168,132	868,952	478,863
LIABILITIES						
Debentures outstanding.....		40,715			167,650	
Current liabilities.....	261	11,880	4,055	430	19,641	29,813
Other liabilities.....	1,653	7,006	1,521	297	10,555	1,884
Total liabilities.....	1,914	59,601	5,576	727	197,846	31,697
RESERVES						
Equity in Ontario Hydro.....	427,909	992,791	78,637	81,840	203,309	209,467
Other reserves.....						
Total reserves.....	427,909	992,791	78,637	81,840	203,309	209,467
CAPITAL						
Debentures redeemed.....	15,697	159,085		10,500	117,829	19,507
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	406,391	653,012	78,125	74,588	349,968	218,192
Contributed capital.....			143,990	477		
Total capital.....	422,088	812,097	222,115	85,565	467,797	237,699
Total.....	851,911	1,864,489	306,328	168,132	868,952	478,863
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	179,119	457,421	58,739	30,132	309,250	160,082
Miscellaneous.....	8,901	17,229	2,945	573	9,276	4,444
Total revenue.....	188,020	474,650	61,684	30,705	318,526	164,526
EXPENSE						
Power purchased.....	119,703	287,579	42,498	16,395	205,810	97,560
Local generation.....						
Operation and maintenance.....	24,040	36,082	7,976	585	20,170	19,036
Administration.....	16,102	48,093	8,017	3,878	51,788	19,167
Financial.....		11,227			25,105	
Depreciation.....	10,735	26,450	6,155	2,536	21,367	9,145
Other.....						
Total expense.....	170,580	409,431	64,646	23,394	324,240	144,908
Net income or net expense.....	17,440	65,219	2,962	7,311	5,714	19,618
Number of customers.....	1,306	2,510	428	301	2,194	891

Statements for the Year Ended December 31, 1967

Kenora *	Killaloe Station 858	Kincardine	King City	Kingston	Kingsville	Kirkfield	Kitchener	Lakefield
10,833		2,731	1,957	54,665	3,465	210	94,956	2,230
\$ 1,585,630 298,908	\$ 64,927 21,031	\$ 394,584 142,098	\$ 169,872 67,531	\$ 8,333,294 2,469,276	\$ 399,560 142,143	\$ 29,195 8,445	\$ 15,416,263 3,728,833	\$ 318,116 92,559
1,286,722	43,896	252,486	102,341	5,864,018	257,417	20,750	11,687,430	225,557
27,819	16,320	56,955	10,602	492,275	6,820	2,031	344,833	10,771
25,000			40,000	300,000			500,000	2,000
		5,000		130,000	8,500	6,000		21,000
54,319	2,237	1,032	3,123	274,877	4,021	391	855,991	3,985
				4,619	205		2,533	3
107,138	18,557	62,987	53,725	1,201,771	19,546	8,422	1,703,357	37,759
		10,057	109	251,708	1,180		518,244	5,756
	2,455		4,885	7,090			23,631	290
	2,455	10,057	4,994	258,798	1,180		541,875	6,046
	20,582	352,124	46,990	4,000,329	289,620	17,374	8,988,617	166,837
1,393,860	85,490	677,654	208,050	11,324,916	567,763	46,546	22,921,279	436,199
500,000	31,000		96,300	1,771,000			1,562,000	
41,148	23	640	7,571	263,905	1,401	169	588,063	1,651
14,515	162	2,771	1,474	15,009	5,297	15	111,767	2,056
555,663	31,185	3,411	105,345	2,049,914	6,698	184	2,261,830	3,707
	20,582	352,124	46,990	4,000,329	289,620	17,374	8,988,617	166,837
				100,000				
	20,582	352,124	46,990	4,100,329	289,620	17,374	8,988,617	166,837
115,652	9,000	60,000	14,804	999,185	33,500	5,766	2,515,244	33,500
722,545	24,723	262,119	40,398	4,144,586	226,350	23,222	8,628,908	232,155
			513	30,902	11,595		526,680	
838,197	33,723	322,119	55,715	5,174,673	271,445	28,988	11,670,832	265,655
1,393,860	85,490	677,654	208,050	11,324,916	567,763	46,546	22,921,279	436,199
386,271	32,988	173,766	91,181	3,191,870	159,172	9,104	6,099,631	140,205
11,923	314	3,662	8,850	119,582	1,714	456	46,637	3,932
398,194	33,302	177,428	100,031	3,311,452	160,886	9,560	6,146,268	144,137
225,113	18,676	108,185	65,049	2,141,639	111,006	5,020	4,403,534	83,969
49,674	966	14,797	2,911	293,686	16,513	1,097	411,074	9,239
44,868	3,354	12,844	8,901	274,356	23,330	708	424,811	10,315
13,270	3,450		9,645	188,183			215,118	615
30,705	2,007	12,301	8,629	231,093	11,776	1,028	366,699	11,237
363,630	28,453	148,127	95,135	3,128,957	162,625	7,853	5,821,236	115,375
34,564	4,849	29,301	4,896	182,495	1,739	1,707	325,032	28,762
4,456	297	1,364	560	19,170	1,498	108	29,860	835

*8 months' operation

Municipal Electrical Utilities Financial

Municipality	Lambeth	Lanark	Lancaster	Larder Lake Twp.	Latchford	Leamington
Population	2,948	940	629	1,385	473	9,350
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	208,653	75,539	50,849	78,471	54,269	1,174,555
Less accumulated depreciation	59,190	18,086	15,899	35,207	14,395	298,989
Net fixed assets	149,463	57,453	34,950	43,264	39,874	875,566
CURRENT ASSETS						
Cash on hand and in bank	22,486	7,535	18,933	17,142	4,708	32,941
Investments—short term	10,000			15,000		10,000
—long term		4,000	6,700			2,000
Accounts receivable (net)	2,048	853	2,728	746	451	10,526
Other	167				111	389
Total current assets	34,701	12,388	28,361	32,888	5,270	55,856
OTHER ASSETS						
Inventories		253				34,242
Sinking fund on debentures						
Miscellaneous assets			3,917			38
Total other assets		253	3,917			34,280
Equity in Ontario Hydro	104,095	50,284	39,622	62,626	10,392	834,039
Total	288,259	120,378	106,850	138,778	55,536	1,799,741
LIABILITIES						
Debentures outstanding	4,689					40,500
Current liabilities	2,988	107	1,610	4,279	67	10,356
Other liabilities	1,172	356	472	4,698	602	30,715
Total liabilities	8,849	463	2,082	8,977	669	81,571
RESERVES						
Equity in Ontario Hydro	104,095	50,284	39,622	62,626	10,392	834,039
Other reserves						
Total reserves	104,095	50,284	39,622	62,626	10,392	834,039
CAPITAL						
Debentures redeemed	27,811	7,317	8,917	15,753	18,901	85,500
Sinking fund debentures						
Accumulated net income invested in plant or held as working funds	132,992	60,327	54,260	51,422	22,026	741,181
Contributed capital	14,512	1,987	1,969		3,548	57,450
Total capital	175,315	69,631	65,146	67,175	44,475	884,131
Total	288,259	120,378	106,850	138,778	55,536	1,799,741
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	100,865	27,010	28,847	55,400	15,713	557,546
Miscellaneous	3,542	1,178	1,124	748	105	3,638
Total revenue	104,407	28,188	29,971	56,148	15,818	561,184
EXPENSE						
Power purchased	64,749	20,210	16,372	38,478	10,270	384,057
Local generation						
Operation and maintenance	5,678	1,390	1,971	4,080	1,041	29,588
Administration	8,234	2,749	2,975	6,378	1,789	52,526
Financial	1,308			6	6	7,016
Depreciation	7,643	2,451	1,618	2,869	1,673	30,648
Other						
Total expense	87,612	26,800	22,936	51,811	14,779	503,835
Net income or net expense	16,795	1,388	7,035	4,337	1,039	57,349
Number of customers	815	298	221	458	155	3,538

Statements for the Year Ended December 31, 1967

Lindsay	Listowel	London	L'Original	Lucan	Lucknow	Lynden	Madoc	Magneta- wan 199
11,699	4,446	196,420	1,322	1,007	1,042	587	1,312	
\$	\$	\$	\$	\$	\$	\$	\$	\$
1,544,294	518,142	30,198,907	150,816	135,586	130,473	49,237	201,175	34,076
525,975	214,482	7,624,606	46,520	43,743	28,281	19,114	77,954	11,925
1,018,319	303,660	22,574,301	104,296	91,843	102,192	30,123	123,221	22,151
70,058	79,666	123,620	13,094	2,376	36,707	8,217	24,510	5,902
.....	.....	300,000	.....	.....	.....	5,000	.....	.....
.....	20,000	252,509	.....	2,500	4,000	10,000	20,000	6,000
39,233	1,119	1,336,210	1,280	2,542	1,763	1,765	3,755	16
.....	28,637	36,681	.....	71	800	10	.....	.....
109,291	129,422	2,049,020	14,374	7,489	43,270	24,992	48,265	11,918
19,326	285	1,118,108	.....	216	150	.....	6,264	13
.....
25,157	161	126,536	2,378	.....	224	.....	.....	490
44,483	446	1,244,644	2,378	216	374	.....	6,264	503
1,163,842	520,688	14,454,292	26,876	96,593	143,888	53,056	113,100	7,774
2,335,935	954,216	40,322,257	147,924	196,141	289,724	108,171	290,850	42,346
48,000	19,537	8,364,155	9,500	.....	.....	.....	.....	3,900
1,691	12,084	1,760,381	161	398	2,715	239	448	.....
7,916	.....	129,130	603	733	.....	200	1,639	.....
57,607	31,621	10,253,666	10,264	1,131	2,715	439	2,087	3,900
1,163,842	520,688	14,454,292	26,876	96,593	143,888	53,056	113,100	7,774
.....	.....	211,843	.....	.....	.....	.....	.....	.....
1,163,842	520,688	14,666,135	26,876	96,593	143,888	53,056	113,100	7,774
132,000	113,297	4,097,377	18,500	11,214	17,614	4,495	14,000	20,100
.....
979,342	287,078	11,125,356	91,331	87,203	125,507	50,181	161,663	10,572
3,144	1,532	179,723	953	.....	.....	.....	.....	.....
1,114,486	401,907	15,402,456	110,784	98,417	143,121	54,676	175,663	30,672
2,335,935	954,216	40,322,257	147,924	196,141	289,724	108,171	290,850	42,346
805,938	274,360	11,483,567	56,486	50,950	68,401	26,401	70,785	11,161
34,529	6,741	385,071	2,814	1,344	1,265	1,345	4,467	357
840,467	281,101	11,868,638	59,300	52,294	69,666	27,746	75,252	11,518
572,356	186,937	7,403,513	35,695	32,840	39,482	20,183	49,239	5,395
.....
67,668	24,552	810,776	4,088	3,141	7,181	1,520	2,940	902
81,639	21,838	1,039,936	4,363	7,869	7,141	2,952	6,023	1,348
7,692	9,149	1,022,391	2,050	.....	.....	.....	.....	2,028
52,675	17,970	826,965	6,014	4,574	3,747	1,895	8,375	1,089
.....
782,030	260,446	11,103,581	52,210	48,424	57,551	26,550	66,577	10,762
58,437	20,655	765,057	7,090	3,870	12,115	1,196	8,675	756
4,355	1,770	62,503	436	393	492	178	604	113

Municipal Electrical Utilities Financial

Municipality.....	Markdale	Markham	Marmora	Martintown	Massey	Maxville
Population.....	1,142	8,086	1,281	377	1,238	776
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	98,494	878,830	133,495	38,093	114,003	97,526
Less accumulated depreciation.....	19,317	168,843	55,518	14,727	23,457	24,145
Net fixed assets.....	79,177	709,987	77,977	23,366	90,546	73,381
CURRENT ASSETS						
Cash on hand and in bank.....	7,296	12,333	5,649	7,358	5,031	23,068
Investments—short term.....					11,000	5,409
—long term.....	16,000		3,000		7,000	1,500
Accounts receivable (net).....	2,760	11,316	362	2,621	3,170	315
Other.....		623		119		150
Total current assets.....	26,056	24,272	9,011	10,098	26,201	30,442
OTHER ASSETS						
Inventories.....	182	9,412	3,140		185	
Sinking fund on debentures.....						
Miscellaneous assets.....	8,659	4,116		885	2,552	
Total other assets.....	8,841	13,528	3,140	885	2,737	
Equity in Ontario Hydro.....	89,545	279,598	82,501	19,261	27,245	71,439
Total.....	203,619	1,027,385	172,629	53,610	146,729	175,262
LIABILITIES						
Debentures outstanding.....		130,859			21,900	
Current liabilities.....	72	13,226	98	404	842	104
Other liabilities.....	585	71,136	824	69	1,453	938
Total liabilities.....	657	215,221	922	473	24,195	1,042
RESERVES						
Equity in Ontario Hydro.....	89,545	279,598	82,501	19,261	27,245	71,439
Other reserves.....						
Total reserves.....	89,545	279,598	82,501	19,261	27,245	71,439
CAPITAL						
Debentures redeemed.....	6,370	63,412	15,092	5,347	23,100	13,642
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	107,047	358,608	74,114	28,529	72,189	87,424
Contributed capital.....		110,546				1,715
Total capital.....	113,417	532,566	89,206	33,876	95,289	102,781
Total.....	203,619	1,027,385	172,629	53,610	146,729	175,262
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	58,048	408,342	60,063	10,962	52,313	49,080
Miscellaneous.....	1,476	11,260	887	154	888	582
Total revenue.....	59,524	419,602	60,950	11,116	53,201	49,662
EXPENSE						
Power purchased.....	40,072	297,931	40,404	7,268	28,569	28,130
Local generation.....						
Operation and maintenance.....	3,154	18,864	7,694	717	5,878	2,633
Administration.....	4,023	37,660	4,413	1,375	6,959	2,513
Financial.....		21,396			3,966	
Depreciation.....	2,813	24,833	4,677	1,255	3,037	2,878
Other.....						
Total expense.....	50,062	400,684	57,188	10,615	48,409	36,154
Net income or net expense.....	9,462	18,918	3,762	501	4,792	13,508
Number of customers.....	487	2,366	520	123	374	327

Statements for the Year Ended December 31, 1967

McGarry Twp. 1,939	Meaford 3,897	Merlin 655	Merrick- ville 863	Midland 10,337	Mildmay 936	Millbrook 942	Milton 6,421	Milverton 1,094
\$ 90,530 31,689	\$ 403,221 121,066	\$ 92,699 39,041	\$ 90,279 18,336	\$ 1,072,216 412,480	\$ 81,507 12,613	\$ 99,147 26,684	\$ 890,439 279,128	\$ 144,403 31,958
58,841	282,155	53,658	71,943	659,736	68,894	72,463	611,311	112,445
26,900	68,234	8,468	16,233	100	1,901	11,822	129,002	4,657
10,000	30,000	27,055			7,500	5,000	50,000	16,500
2,879	6,989	553	1,971	25,416	302	1,397	5,047	720
246	41	78		15			251	100
40,025	105,264	36,154	18,204	25,531	9,703	18,219	184,300	21,977
	13,789	574		26,755	81		1,403	355
	6,538		353				166	
	20,327	574	353	26,755	81		1,569	355
63,428	353,957	58,083	37,026	1,247,557	57,549	45,685	585,508	184,708
162,294	761,703	148,469	127,526	1,959,579	136,227	136,367	1,382,688	319,485
	60,000		4,900				39,775	6,800
420	35,776	1,214	544	75,798	121	646	6,389	5,496
3,355	7,283	257	1,098	3,291	389	994	5,994	679
3,775	103,059	1,471	6,542	79,089	510	1,640	52,158	12,975
63,428	353,957	58,083	37,026	1,247,557	57,549	45,685	585,508	184,708
63,428	353,957	58,083	37,026	1,247,557	57,549	45,685	585,508	184,708
13,782	47,725	13,122	20,100	111,945	12,304	9,000	84,044	17,460
81,309	256,962	75,753	60,433	520,988	65,736	74,292	660,978	100,807
		40	3,425		128	5,750		3,535
95,091	304,687	88,915	83,958	632,933	78,168	89,042	745,022	121,802
162,294	761,703	148,469	127,526	1,959,579	136,227	136,367	1,382,688	319,485
50,845	220,582	35,313	42,759	570,331	42,955	41,871	391,071	73,432
864	5,292	3,055	57	484	762	2,971	27,426	1,363
51,709	225,874	38,368	42,816	570,815	43,717	44,842	418,497	74,795
32,941	155,397	18,972	27,851	434,098	24,381	24,875	266,469	44,900
3,329	14,602	2,016	1,978	33,640	5,848	4,143	19,343	9,914
8,308	27,723	7,088	3,130	35,373	4,817	3,819	41,747	9,165
	858		1,724	1,450			7,081	1,133
3,079	11,264	2,992	2,615	30,603	2,445	4,576	30,435	3,665
47,657	209,844	31,068	37,298	535,164	37,491	37,413	365,075	68,777
4,052	16,030	7,300	5,518	35,651	6,226	7,429	53,422	6,018
423	1,672	276	367	3,319	345	340	1,882	483

Municipal Electrical Utilities Financial

Municipality.....	Mitchell	Moorefield	Morrisburg	Mount Brydges	Mount Forest	Napanee
Population.....	2,486	263	1,938	1,122	2,639	4,694
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	449,195	37,182	273,594	102,132	305,817	541,405
Less accumulated depreciation.....	115,544	11,892	73,480	15,899	80,819	203,771
Net fixed assets.....	333,651	25,290	200,114	86,233	224,998	337,634
CURRENT ASSETS						
Cash on hand and in bank.....	18,127	2,767	20,643	15,627	28,872	83,748
Investments—short term.....	10,000					25,000
—long term.....		1,000	11,000		15,000	22,000
Accounts receivable (net).....	10,407	220	4,087	604	3,498	9,776
Other.....	766					
Total current assets.....	39,300	3,987	35,730	16,231	47,370	140,524
OTHER ASSETS						
Inventories.....	13,998		10,937		5,055	8,334
Sinking fund on debentures.....						
Miscellaneous assets.....				213		
Total other assets.....	13,998		10,937	213	5,055	8,334
Equity in Ontario Hydro.....	281,239	38,289	125,914	51,584	257,340	472,729
Total.....	668,188	67,566	372,695	154,261	534,763	959,221
LIABILITIES						
Debentures outstanding.....	39,700			10,900		
Current liabilities.....	776	1,188	932	342	738	980
Other liabilities.....	1,811		2,624	589	2,242	8,548
Total liabilities.....	42,287	1,188	3,556	11,831	2,980	9,528
RESERVES						
Equity in Ontario Hydro.....	281,239	38,289	125,914	51,584	257,340	472,729
Other reserves.....						
Total reserves.....	281,239	38,289	125,914	51,584	257,340	472,729
CAPITAL						
Debentures redeemed.....	42,409	4,500	31,636	8,178	21,627	70,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	300,937	23,589	111,811	82,668	236,767	406,147
Contributed capital.....	1,316		99,778		16,049	817
Total capital.....	344,662	28,089	243,225	90,846	274,443	476,964
Total.....	668,188	67,566	372,695	154,261	534,763	959,221
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	184,224	22,481	105,819	42,059	148,317	235,344
Miscellaneous.....	10,090	285	2,840	636	1,612	33,836
Total revenue.....	194,314	22,766	108,659	42,695	149,929	269,180
EXPENSE						
Power purchased.....	116,245	17,502	69,000	22,827	102,049	159,141
Local generation.....						
Operation and maintenance.....	10,344	1,314	11,728	5,395	9,443	14,482
Administration.....	20,189	1,008	15,728	4,670	14,385	52,209
Financial.....	4,743			1,311		
Depreciation.....	14,241	1,307	7,445	3,075	7,662	17,450
Other.....						
Total expense.....	165,762	21,131	103,901	37,278	133,539	243,282
Net income or net expense.....	28,552	1,635	4,758	5,417	16,390	25,898
Number of customers.....	989	148	786	403	1,209	1,812

Statements for the Year Ended December 31, 1967

Nepean Twp. 49,701	Neustadt 556	Newboro 272	Newburgh 589	Newbury 324	Newcastle 1,513	New Hamburg 2,466	Newmarket 8,138	Niagara 3,077
\$ 5,915,648 952,024	\$ 41,494 20,262	\$ 47,352 11,914	\$ 93,066 32,553	\$ 40,045 11,829	\$ 205,400 67,965	\$ 291,569 61,552	\$ 1,113,166 302,784	\$ 380,056 109,387
4,963,624	21,232	35,438	60,513	28,216	137,435	230,017	810,382	270,669
169,114	2,268	2,172	7,266	2,485	4,406	7,628	33,798	12,929
.....	3,000	2,000	.....	.....	4,000	.....	58,594	4,000
.....	.....	.....	.....	.....	.....	.....	.....	18,000
406,375	1,548	455	496	472	2,382	1,859	23,602	1,056
23,810	.....	227	.....	.....	.....	273	2,403	365
599,299	6,816	4,854	7,762	2,957	10,788	9,760	118,397	36,350
176,225	.....	.....	.....	30	4,730	1,757	3,901	14,355
.....
108,324	.....	1,326	.....	.....	57	708	19,794	38
284,549	.....	1,326	.....	30	4,787	2,465	23,695	14,393
775,718	40,700	8,209	21,015	23,795	87,041	250,516	517,019	246,074
6,623,190	68,748	49,827	89,290	54,998	240,051	492,758	1,469,493	567,486
4,548,000	.....	2,186	.....	.....	17,500	3,000	26,690	13,033
286,511	21	248	1,059	225	2,197	502	32,993	1,315
5,225	157	49	256	.....	1,110	944	18,902	3,073
4,839,736	178	2,483	1,315	225	20,807	4,446	78,585	17,421
775,718	40,700	8,209	21,015	23,795	87,041	250,516	517,019	246,074
.....
775,718	40,700	8,209	21,015	23,795	87,041	250,516	517,019	246,074
302,000	15,504	14,813	14,000	9,754	26,273	29,264	68,166	67,475
.....
635,712	12,366	21,353	47,116	20,999	105,930	208,532	805,723	232,516
70,024	.....	2,969	5,844	225	.....	.....	.....	4,000
1,007,736	27,870	39,135	66,960	30,978	132,203	237,796	873,889	303,991
6,623,190	68,748	49,827	89,290	54,998	240,051	492,758	1,469,493	567,486
2,729,898	23,098	14,259	25,233	15,088	80,024	134,278	560,930	145,096
112,239	302	252	800	.....	3,338	2,782	10,939	5,644
2,842,137	23,400	14,511	26,033	15,088	83,362	137,060	571,869	150,740
1,799,200	20,004	7,128	14,021	8,861	51,724	88,394	400,115	84,116
.....
118,836	1,048	1,215	1,130	1,341	3,761	7,622	27,020	22,120
305,757	1,973	1,685	2,987	1,271	10,120	13,973	57,060	15,008
377,369	.....	1,143	.....	.....	4,764	1,168	6,429	2,568
164,063	1,551	1,514	3,409	1,243	8,251	8,480	33,355	11,938
.....
2,765,225	24,576	12,685	21,547	12,716	78,620	119,637	523,979	135,750
76,912	1,176	1,826	4,486	2,372	4,742	17,423	47,890	14,990
12,965	224	165	200	147	589	864	3,020	1,168

Municipal Electrical Utilities Financial

Municipality.....	Niagara Falls	Nipigon	North Bay	North York	Norwich	Norwood
Population.....	55,994	2,734	23,216	405,153	1,643	1,102
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	7,706,375	257,179	2,647,990	43,963,755	158,825	145,213
Less accumulated depreciation.....	1,810,656	87,676	842,093	9,257,500	65,901	59,519
Net fixed assets.....	5,895,719	169,503	1,805,897	34,706,255	92,924	85,694
CURRENT ASSETS						
Cash on hand and in bank.....	200,046	15,233	70,690	385,942	26,336	8,913
Investments—short term.....				2,330,563		
—long term.....	63,000	8,500	540,000	15,400	7,500	23,000
Accounts receivable (net).....	85,805	2,526	51,120	1,382,661	2,750	1,992
Other.....	20,670		2,924	7,152		
Total current assets.....	369,521	26,259	664,734	4,121,718	36,586	33,905
OTHER ASSETS						
Inventories.....	363,895	474	48,836	780,581	6,949	
Sinking fund on debentures.....				2,677,315		
Miscellaneous assets.....	73,312		2,774	234,090		1,243
Total other assets.....	437,207	474	51,610	3,691,986	6,949	1,243
Equity in Ontario Hydro.....	4,568,053	176,070	1,872,637	12,472,473	170,157	74,655
Total.....	11,270,500	372,306	4,394,878	54,992,432	306,616	195,497
LIABILITIES						
Debentures outstanding.....	932,729		267,000	11,210,288		
Current liabilities.....	509,376	436	78,365	1,587,882	518	1,218
Other liabilities.....	143,735	2,551	71,115	210,489	1,195	921
Total liabilities.....	1,585,840	2,987	416,480	13,008,659	1,713	2,139
RESERVES						
Equity in Ontario Hydro.....	4,568,053	176,070	1,872,637	12,472,473	170,157	74,655
Other reserves.....			1,349			
Total reserves.....	4,568,053	176,070	1,873,986	12,472,473	170,157	74,655
CAPITAL						
Debentures redeemed.....	1,695,724	10,000	465,157	4,307,299	13,756	55,100
Sinking fund debentures.....				2,677,315		
Accumulated net income invested in plant or held as working funds.....	3,195,718	183,249	1,639,255	21,203,399	118,203	60,221
Contributed capital.....	225,165			1,323,287	2,787	3,382
Total capital.....	5,116,607	193,249	2,104,412	29,511,300	134,746	118,703
Total.....	11,270,500	372,306	4,394,878	54,992,432	306,616	195,497
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	3,056,542	131,189	1,228,267	21,812,970	68,935	44,913
Miscellaneous.....	20,898	5,654	64,962	908,850	3,451	3,448
Total revenue.....	3,077,440	136,843	1,293,229	22,721,820	72,386	48,361
EXPENSE						
Power purchased.....	1,866,514	88,108	704,802	15,131,752	41,375	31,113
Local generation.....						
Operation and maintenance.....	314,683	10,517	119,526	1,339,786	11,012	3,467
Administration.....	297,862	23,389	154,108	1,481,163	9,336	4,715
Financial.....	154,960		39,462	1,253,236		
Depreciation.....	191,559	8,651	88,329	1,449,358	5,751	6,212
Other.....						
Total expense.....	2,825,578	130,665	1,106,227	20,655,295	67,474	45,507
Net income or net expense.....	251,862	6,178	187,002	2,066,525	4,912	2,854
Number of customers.....	17,645	804	8,050	119,824	709	432

Statements for the Year Ended December 31, 1967

Oakville	Oil Springs	Omeme	Orangeville	Orillia	Orono	Oshawa	Ottawa	Otterville
54,215	545	808	5,907	19,939	1,000	79,769	315,883	795
\$	\$	\$	\$	\$	\$	\$	\$	\$
8,432,216	88,059	101,958	711,712	6,649,670	131,750	11,972,948	43,352,031	83,658
2,046,325	27,802	39,400	154,010	1,693,405	29,998	3,385,767	9,522,296	30,318
6,385,891	60,257	62,558	557,702	4,956,265	101,752	8,587,181	33,829,735	53,340
1,960	7,769	7,822	17,273	500	2,488	112,092	909,147	5,831
490,000								
33,700	11,000	5,500		29,842	2,500	400,000	355,000	
228,965	273	426	3,163	96,162	4,687	473,207	945,026	235
1,700		300	139	7,100		4,196	232,558	1,864
756,325	19,042	14,048	20,575	133,604	9,675	989,495	2,441,731	7,930
170,039	341	1,163	14,000	84,285	145	437,786	752,364	
62,886			4,042		7,562	34,984		
232,925	341	1,163	18,042	84,285	7,707	472,770	752,364	
2,840,260	85,710	46,977	414,512	361,750	47,508	7,243,819	13,609,829	56,723
10,215,401	165,350	124,746	1,010,831	5,535,904	166,642	17,293,265	50,633,659	117,993
2,675,087			142,500	625,101	30,900	1,184,000	2,030,000	
475,951	627	2,410	6,513	29,830	5,878	158,090	1,447,773	220
131,774	324	375	2,759	817,056	2,171	612,692		346
3,282,812	951	2,785	151,772	1,471,987	38,949	1,954,782	3,477,773	566
2,840,260	85,710	46,977	414,512	361,750	47,508	7,243,819	13,609,829	56,723
				30,150			264,670	
2,840,260	85,710	46,977	414,512	391,900	47,508	7,243,819	13,874,499	56,723
1,149,501	16,721	12,000	35,095	2,361,899	11,994	666,622	7,860,698	4,500
2,671,855	61,968	59,484	392,766	1,139,548	68,191	6,999,336	21,529,519	56,204
270,973		3,500	16,686	170,570		428,706	3,891,170	
4,092,329	78,689	74,984	444,547	3,672,017	80,185	8,094,664	33,281,387	60,704
10,215,401	165,350	124,746	1,010,831	5,535,904	166,642	17,293,265	50,633,659	117,993
5,352,293	26,666	42,110	315,015	1,049,860	60,175	5,627,852	17,310,389	29,260
233,095	764	1,365	7,621	19,502	1,054	282,674	563,608	491
5,585,388	27,430	43,475	322,636	1,069,362	61,229	5,910,526	17,873,997	29,751
4,366,383	16,146	23,826	195,823	288,739	35,639	4,245,522	11,471,780	18,577
				194,508			321,546	
277,538	1,412	5,765	17,454	96,281	4,289	434,686	1,501,878	1,168
273,067	6,386	4,378	36,528	112,331	9,109	403,911	930,451	3,059
332,530			8,278	161,551	3,855	150,715	624,564	
291,701	2,787	4,055	21,660	152,317	3,536	450,533	1,251,037	3,080
				10,000			47,309	
5,541,219	26,731	38,024	279,743	1,015,727	56,428	5,685,367	16,148,565	25,884
44,169	699	5,451	42,893	53,635	4,801	225,159	1,725,432	3,867
15,348	252	315	2,276	7,054	388	24,863	99,728	292

Municipal Electrical Utilities Financial

Municipality.....	Owen Sound	Paisley	Palmerston	Paris	Parkhill	Parry Sound
Population.....	18,120	712	1,629	6,243	1,144	5,636
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	2,369,876	81,320	274,056	778,180	183,563	1,176,879
Less accumulated depreciation.....	713,222	21,997	81,176	250,567	48,995	358,167
Net fixed assets.....	1,656,654	59,323	192,880	527,613	134,568	818,712
CURRENT ASSETS						
Cash on hand and in bank.....	300	12,454	10,077	49,288	16,954	54,580
Investments—short term.....				20,000		
—long term.....	70,000	21,000			6,000	14,500
Accounts receivable (net).....	90,143	1,775	4,846	4,651	2,685	4,651
Other.....	940			922	170	991
Total current assets.....	161,383	35,229	14,923	74,861	25,809	74,722
OTHER ASSETS						
Inventories.....	42,883	16	560	847	1,769	15,617
Sinking fund on debentures.....						
Miscellaneous assets.....	6,514	4,328				715
Total other assets.....	49,397	4,344	560	847	1,769	16,332
Equity in Ontario Hydro.....	1,742,202	76,643	221,997	599,396	133,197	178,167
Total.....	3,609,636	175,539	430,360	1,202,717	295,343	1,087,933
LIABILITIES						
Debentures outstanding.....			8,000	61,156	2,700	40,000
Current liabilities.....	6,532	451	3,391	3,286	968	773
Other liabilities.....	13,037	333		5,993	465	
Total liabilities.....	19,569	784	11,391	70,435	4,133	40,773
RESERVES						
Equity in Ontario Hydro.....	1,742,202	76,643	221,997	599,396	133,197	178,167
Other reserves.....						2,310
Total reserves.....	1,742,202	76,643	221,997	599,396	133,197	180,477
CAPITAL						
Debentures redeemed.....	208,371	13,624	34,000	138,450	27,148	428,500
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	1,639,494	84,488	144,110	390,929	130,865	432,333
Contributed capital.....			18,862	3,507		5,850
Total capital.....	1,847,865	98,112	196,972	532,886	158,013	866,683
Total.....	3,609,636	175,539	430,360	1,202,717	295,343	1,087,933
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	947,102	36,292	93,986	311,316	76,621	347,476
Miscellaneous.....	47,077	1,381	163	5,154	2,447	17,942
Total revenue.....	994,179	37,673	94,149	316,470	79,068	365,418
EXPENSE						
Power purchased.....	666,031	21,019	58,273	206,770	45,100	164,076
Local generation.....						37,752
Operation and maintenance.....	87,675	1,804	9,449	29,745	8,045	33,777
Administration.....	98,276	5,577	13,133	26,957	10,491	36,895
Financial.....			1,588	9,415	1,006	5,870
Depreciation.....	81,568	2,236	7,589	24,357	6,169	33,973
Other.....						
Total expense.....	933,550	30,636	90,032	297,244	70,811	312,343
Net income or net expense.....	60,629	7,037	4,117	19,226	8,257	53,075
Number of customers.....	6,312	339	708	2,213	513	2,191

Statements for the Year Ended December 31, 1967

Pembroke*	Penetang- uishene	Perth	Peter- borough	Petrolia	Pickering	Picton	Planta- genet	Plattsville
15,142	4,947	5,555	54,454	3,881	1,943	4,821	901	545
\$	\$	\$	\$	\$	\$	\$	\$	\$
3,148,306	408,657	691,967	9,647,765	530,930	172,830	653,049	96,622	65,152
1,213,888	157,449	241,565	3,211,900	180,390	53,481	215,785	28,268	13,882
1,934,418	251,208	450,402	6,435,865	350,540	119,349	437,264	68,354	51,270
149,388	6,797	68,307	.....	57,772	5,142	19,038	26,359	19,610
.....	.....	.....	.....	.....	20,000	.....	.....	10,000
.....	10,000	10,000	.....	15,000	.....	.....	.....	4,500
45,715	4,823	5,208	232,772	16,218	3,364	11,224	1,670	213
.....	.....	.....	13,391	.....	.....	1,141	.....	.....
195,103	21,620	83,515	246,163	88,990	28,506	31,403	28,029	34,323
28,778	1,769	14,266	140,223	25,283	71	21,353	.....	41
183,738	372	.....	9,573	.....	2,583	1,070	1,425	.....
212,516	2,141	14,266	149,796	25,283	2,654	22,423	1,425	41
.....	367,474	585,949	4,549,257	435,650	39,022	523,105	24,070	78,343
2,342,037	642,443	1,134,132	11,381,081	900,463	189,531	1,014,195	121,878	163,977
2,150,000	.....	.....	1,722,200	.....	50,000	47,000	50,500	.....
145,073	493	1,032	346,689	16,557	1,020	5,623	3,495	384
36,647	2,423	85	12,452	5,800	1,543	11,288	700	.....
2,331,720	2,916	1,117	2,081,341	22,357	52,563	63,911	54,695	384
.....	367,474	585,949	4,549,257	435,650	39,022	523,105	24,070	78,343
.....
.....	367,474	585,949	4,549,257	435,650	39,022	523,105	24,070	78,343
.....	36,983	85,045	1,410,411	50,000	22,828	66,183	4,500	5,237
.....
4,922	235,070	444,122	3,201,024	392,456	74,898	360,996	37,047	80,013
5,395	.....	17,899	139,048	.....	220	.....	1,566	.....
10,317	272,053	547,066	4,750,483	442,456	97,946	427,179	43,113	85,250
2,342,037	642,443	1,134,132	11,381,081	900,463	189,531	1,014,195	121,878	163,977
699,988	193,016	310,859	3,273,849	224,899	79,361	267,139	54,681	49,309
21,201	3,253	5,642	144,091	3,721	4,677	4,696	2,859	1,347
721,189	196,269	316,501	3,417,940	228,620	84,038	271,835	57,540	50,656
362,286	149,906	207,839	2,272,225	112,264	52,220	174,125	30,639	38,475
1,583	.....	.....	.....	.....	.....	.....	.....	.....
35,768	14,295	19,938	333,627	37,685	4,450	28,770	1,625	1,809
88,408	19,647	29,762	318,440	40,104	8,212	31,250	3,927	2,223
150,078	.....	.....	205,941	.....	6,970	3,568	4,541	.....
78,144	12,991	19,698	327,565	14,188	7,298	18,944	3,854	2,041
.....
716,267	196,839	277,237	3,457,798	204,241	79,150	256,660	44,586	44,548
4,922	570	39,264	39,858	24,379	4,888	15,175	12,954	6,108
5,143	1,486	2,159	17,674	1,441	583	1,847	243	206

*10 months' operation

Municipal Electrical Utilities Financial

Municipality.....	Point Edward 2,800	Port Arthur 46,718	Port Burwell 675	Port Colborne 18,013	Port Credit 8,089	Port Dover 3,271
Population.....						
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	361,229	7,651,211	105,663	1,904,831	1,219,065	426,373
Less accumulated depreciation.....	109,873	2,691,986	47,790	443,981	260,203	140,748
Net fixed assets.....	251,356	4,959,225	57,873	1,460,850	958,862	285,625
CURRENT ASSETS						
Cash on hand and in bank.....	39,000	698,183	10,378	77,060	1,562	33,248
Investments—short term.....	10,000	550,000	.....	25,000	.....	30,000
—long term.....	5,000	99,208	.....	10,000	13,500	.....
Accounts receivable (net).....	10,391	331,937	749	9,329	17,646	12,252
Other.....	701	23,947	352	.....	409	.....
Total current assets.....	65,092	1,703,275	11,479	121,389	33,117	75,500
OTHER ASSETS						
Inventories.....	214	205,858	320	30,158	26,436	500
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	.....	11,790	873	15,501	4,436	.....
Total other assets.....	214	217,648	1,193	45,659	30,872	500
Equity in Ontario Hydro.....	578,675	12,161,136	31,956	1,016,043	879,691	256,520
Total.....	895,337	19,041,284	102,501	2,643,941	1,902,542	618,145
LIABILITIES						
Debentures outstanding.....	.....	245,000	19,700	315,361	24,800	44,146
Current liabilities.....	13,360	264,446	1,553	31,707	23,656	6,748
Other liabilities.....	.....	.....	1,599	15,777	55,710	4,784
Total liabilities.....	13,360	509,446	22,852	362,845	104,166	55,678
RESERVES						
Equity in Ontario Hydro.....	578,675	12,161,136	31,956	1,016,043	879,691	256,520
Other reserves.....	.....	102,175	.....	.....	.....	.....
Total reserves.....	578,675	12,263,311	31,956	1,016,043	879,691	256,520
CAPITAL						
Debentures redeemed.....	17,000	731,317	20,300	300,299	111,719	64,382
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	286,302	5,462,170	27,393	959,134	800,879	234,011
Contributed capital.....	.....	75,040	.....	5,620	6,087	7,554
Total capital.....	303,302	6,268,527	47,693	1,265,053	918,685	305,947
Total.....	895,337	19,041,284	102,501	2,643,941	1,902,542	618,145
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	351,362	2,862,611	33,398	826,315	924,356	185,982
Miscellaneous.....	5,387	132,830	210	10,775	20,432	4,803
Total revenue.....	356,749	2,995,441	33,608	837,090	944,788	190,785
EXPENSE						
Power purchased.....	294,640	1,837,521	13,518	548,791	787,307	108,551
Local generation.....	.....	20,396	.....	.....	.....	.....
Operation and maintenance.....	12,056	219,058	7,311	82,601	30,412	18,870
Administration.....	27,111	234,752	4,477	103,674	60,659	17,038
Financial.....	.....	35,237	2,979	25,636	3,729	6,411
Depreciation.....	10,817	249,283	3,435	52,855	35,266	14,967
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	344,624	2,596,247	31,720	813,557	917,373	165,837
Net income or net expense.....	12,125	399,194	1,888	23,533	27,415	24,948
Number of customers.....	899	14,841	433	5,607	2,729	1,564

Statements for the Year Ended December 31, 1967

Port Elgin	Port Hope	Port McNicoll	Port Perry	Port Rowan	Port Stanley	Prescott	Preston	Priceville
2,065	8,773	1,200	2,655	841	1,416	5,429	13,533	152
\$	\$	\$	\$	\$	\$	\$	\$	\$
357,532	1,209,689	141,585	288,432	97,196	241,810	508,111	1,925,708	19,725
74,590	427,971	32,564	56,850	24,358	110,541	181,274	540,546	8,304
282,942	781,718	109,021	231,582	72,838	131,269	326,837	1,385,162	11,421
10,011	49,307	106	69,446	8,886	21,843	13,592	3,835	2,539
.....	.....	.....	.....	.....	.....	.....	25,000	.....
.....	.....	25,775	7,000	.....	.....	20,000	.....	8,000
1,769	3,026	6,422	7,586	807	5,655	4,713	24,043	166
4,110	.....	5,872	1,300	.....	.....	571	5,459	.....
15,890	52,333	38,175	85,332	9,693	27,498	38,876	58,337	10,705
1,812	45,078	1,025	.....	45	713	9,710	46,399	.....
8,438	168	637	.....	110	.....	.....	.....	.....
10,250	45,246	1,662	.....	155	713	9,710	46,399	.....
185,464	906,065	111,237	173,677	51,820	220,096	440,451	1,388,708	7,306
494,546	1,785,362	260,095	490,591	134,506	379,576	815,874	2,878,606	29,432
.....	.....	.....	85,000	5,900	.....	.....	72,320	925
321	9,732	11,764	46,206	318	167	610	6,773	298
.....	31,903	843	2,812	546	1,467	4,946	23,522	.....
321	41,635	12,607	134,018	6,764	1,634	5,556	102,615	1,223
185,464	906,065	111,237	173,677	51,820	220,096	440,451	1,388,708	7,306
.....
185,464	906,065	111,237	173,677	51,820	220,096	440,451	1,388,708	7,306
37,787	244,000	9,803	19,882	12,100	18,950	23,981	403,963	11,241
.....
270,974	593,662	126,448	161,741	63,822	137,971	330,632	952,916	9,662
.....	.....	.....	1,273	.....	925	15,254	30,404	.....
308,761	837,662	136,251	182,896	75,922	157,846	369,867	1,387,283	20,903
494,546	1,785,362	260,095	490,591	134,506	379,576	815,874	2,878,606	29,432
165,718	539,069	70,787	135,624	29,186	94,331	249,774	812,059	5,572
4,279	18,287	3,026	4,452	745	1,788	13,332	13,514	312
169,997	557,356	73,813	140,076	29,931	96,119	263,106	825,573	5,884
95,298	374,894	56,728	95,515	15,198	53,035	180,645	567,257	2,651
.....
15,081	54,520	7,019	9,333	2,460	19,660	13,816	59,406	258
21,988	69,618	7,163	14,458	2,651	12,982	26,551	58,577	785
.....	517	.....	2,909	925	.....	.....	19,043	424
9,141	40,636	3,822	8,240	2,896	7,975	19,948	56,539	709
.....
141,508	540,185	74,732	130,455	24,130	93,652	240,960	760,822	4,827
28,489	17,171	919	9,621	5,801	2,467	22,146	64,751	1,057
1,228	3,036	614	1,018	358	1,170	1,910	4,166	76

Municipal Electrical Utilities Financial

Municipality.....	Princeton	Queenston	Rainy River	Red Rock	Renfrew	Richmond
Population.....	412	559	1,109	1,913	8,906	1,319
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	41,597	55,280	133,003	124,999	1,765,893	135,550
Less accumulated depreciation.....	12,075	16,491	67,482	27,331	511,590	26,986
Net fixed assets.....	29,522	38,789	65,521	97,668	1,254,303	108,564
CURRENT ASSETS						
Cash on hand and in bank.....	10,634	5,411	5,593	4,893	51,263	6,101
Investments—short term.....			33,000			15,000
—long term.....	3,000	10,000			6,675	
Accounts receivable (net).....	847	1,007	1,664	964	8,201	3,174
Other.....		52			1,087	
Total current assets.....	14,481	16,470	40,257	5,857	67,226	24,275
OTHER ASSETS						
Inventories.....			1,674		18,176	
Sinking fund on debentures.....						
Miscellaneous assets.....	2,602				1,087	
Total other assets.....	2,602		1,674		19,263	
Equity in Ontario Hydro.....	53,464	47,450	29,454	72,940	318,759	54,891
Total.....	100,069	102,709	136,906	176,465	1,659,551	187,730
LIABILITIES						
Debentures outstanding.....					84,883	16,200
Current liabilities.....	894	38	138	4,724	5,617	64
Other liabilities.....	422	234	455	243	6,665	794
Total liabilities.....	1,316	272	593	4,967	97,165	17,058
RESERVES						
Equity in Ontario Hydro.....	53,464	47,450	29,454	72,940	318,759	54,891
Other reserves.....						
Total reserves.....	53,464	47,450	29,454	72,940	318,759	54,891
CAPITAL						
Debentures redeemed.....	5,995	9,500	26,087	29,367	686,353	18,687
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	39,259	45,253	80,772	60,123	556,555	94,794
Contributed capital.....	35	234		9,068	719	2,300
Total capital.....	45,289	54,987	106,859	98,558	1,243,627	115,781
Total.....	100,069	102,709	136,906	176,465	1,659,551	187,730
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	19,821	22,414	63,837	49,159	420,495	62,451
Miscellaneous.....	698	1,138	2,715	1,307	2,426	1,464
Total revenue.....	20,519	23,552	66,552	50,466	422,921	63,915
EXPENSE						
Power purchased.....	14,286	18,058	36,630	40,985	229,849	47,985
Local generation.....					36,573	
Operation and maintenance.....	686	2,616	9,826	4,045	27,105	2,721
Administration.....	1,943	1,331	13,035	5,061	36,477	2,450
Financial.....	265			2,018	19,790	1,926
Depreciation.....	1,367	2,089	4,504	4,425	42,975	3,801
Other.....						
Total expense.....	18,547	24,094	63,995	56,534	392,769	58,883
Net income or net expense.....	1,972	542	2,557	6,068	30,152	5,032
Number of customers.....	180	183	429	387	2,958	415

Statements for the Year Ended December 31, 1967

Richmond Hill 19,432	Ridgetown 2,735	Ripley 412	Rockland 3,425	Rockwood 896	Rodney 1,060	Rosseau 212	Russell 604	St. Catharines 98,059
\$ 1,994,398 518,818	\$ 368,126 76,512	\$ 63,699 14,516	\$ 215,074 46,134	\$ 85,707 16,691	\$ 95,017 34,280	\$ 36,195 8,326	\$ 67,698 17,119	\$ 13,048,167 2,600,357
1,475,580	291,614	49,183	168,940	69,016	60,737	27,869	50,579	10,447,810
93,698	4,176	9,834	10,886	1,235	17,226	4,672	6,697	231,677
100,000		6,000						
		8,000				2,500		
41,135	2,022	440	2,449	2,736	655	1,075	2,792	766,597
	76		32			200		30,020
234,833	6,274	24,274	13,367	3,971	17,881	8,447	9,489	1,028,294
29,794	924		633	178	90			368,659
8,133	2,877		2,184				10	83,117
37,927	3,801		2,817	178	90		10	451,776
661,173	240,578	55,823	70,355	65,111	85,366	23,579	42,859	9,389,086
2,409,513	542,267	129,280	255,479	138,276	164,074	59,895	102,937	21,316,966
425,258	55,926		39,000	3,963				1,472,500
74,758	8,849	816	6,729	2,054	376	2,613	84	1,017,691
15,840	4,008	369	3,970	567	675	3	108	145,559
515,856	68,783	1,185	49,699	6,584	1,051	2,616	192	2,635,750
661,173	240,578	55,823	70,355	65,111	85,366	23,579	42,859	9,389,086
661,173	240,578	55,823	70,355	65,111	85,366	23,579	42,859	9,389,086
289,948	56,678	12,744	16,000	8,365	8,500	11,933	8,808	431,209
934,534	176,228	59,528	119,425	54,664	69,157	21,767	51,078	8,515,605
8,002				3,552				345,316
1,232,484	232,906	72,272	135,425	66,581	77,657	33,700	59,886	9,292,130
2,409,513	542,267	129,280	255,479	138,276	164,074	59,895	102,937	21,316,966
902,614	160,712	27,501	99,992	37,042	50,873	11,045	25,299	6,986,248
46,476	1,463	738	851	646	953	322	195	89,687
949,090	162,175	28,239	100,843	37,688	51,826	11,367	25,494	7,075,935
629,499	90,758	17,832	70,298	24,044	28,683	5,967	17,868	5,387,030
45,870	14,906	1,044	6,837	2,360	4,608	1,568	856	358,576
74,139	23,841	2,147	6,818	4,751	5,685	1,187	2,528	400,551
60,683	7,564		4,031	589				147,511
73,719	10,038	1,864	6,175	2,548	3,464	1,086	2,030	351,661
883,910	147,107	22,887	94,159	34,292	42,440	9,808	23,282	6,645,329
65,180	15,068	5,352	6,684	3,396	9,386	1,559	2,212	430,606
5,435	1,153	234	898	321	457	134	227	30,286

Municipal Electrical Utilities Financial

Municipality.....	St. Clair Beach	St. George	St. Jacobs	St. Marys	St. Thomas	Sandwich West Twp.
Population	1,763	895	922	4,711	23,038	8,397
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	137,260	81,085	91,435	765,285	3,032,654	730,088
Less accumulated depreciation.....	46,149	19,588	17,540	215,058	922,762	243,285
Net fixed assets.....	91,111	61,497	73,895	550,227	2,109,892	486,803
CURRENT ASSETS						
Cash on hand and in bank.....	17,457	15,996	18,900	57,341	500	56,898
Investments—short term.....	20,000			25,000		
—long term.....			2,000	32,500	35,000	
Accounts receivable (net).....	689	152	2,040	18,864	122,208	17,421
Other.....		6,000			3,706	73
Total current assets.....	38,146	22,148	22,940	133,705	161,414	74,392
OTHER ASSETS						
Inventories.....		138		14,163	84,869	13,166
Sinking fund on debentures.....						
Miscellaneous assets.....	142				740	10,961
Total other assets.....	142	138		14,163	85,609	24,127
Equity in Ontario Hydro.....	65,545	79,096	100,971	967,887	2,585,649	184,641
Total.....	194,944	162,879	197,806	1,665,982	4,942,564	769,963
LIABILITIES						
Debentures outstanding.....		10,000		13,145	160,000	125,828
Current liabilities.....	1,040	6,467	11	32,625	9,743	90,876
Other liabilities.....	261	262	90	4,060	60,829	12,154
Total liabilities.....	1,301	16,729	101	49,830	230,572	228,858
RESERVES						
Equity in Ontario Hydro.....	65,545	79,096	100,971	967,887	2,585,649	184,641
Other reserves.....						
Total reserves.....	65,545	79,096	100,971	967,887	2,585,649	184,641
CAPITAL						
Debentures redeemed.....	17,694	6,000	6,000	177,063	178,627	118,564
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	100,536	60,856	90,734	469,296	1,947,716	237,497
Contributed capital.....	9,868	198		1,906		403
Total capital.....	128,098	67,054	96,734	648,265	2,126,343	356,464
Total.....	194,944	162,879	197,806	1,665,982	4,942,564	769,963
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	63,124	37,839	55,174	268,737	1,426,677	272,710
Miscellaneous.....	1,622	760	600	7,981	12,402	10,824
Total revenue.....	64,746	38,599	55,774	276,718	1,439,079	283,534
EXPENSE						
Power purchased.....	40,482	27,063	33,398	194,333	932,498	169,846
Local generation.....						
Operation and maintenance.....	7,817	2,311	1,507	29,799	228,506	34,188
Administration.....	7,231	3,021	2,851	26,532	108,104	39,571
Financial.....		350		5,298	17,252	19,591
Depreciation.....	4,595	2,438	2,558	20,320	81,763	23,902
Other.....						
Total expense.....	60,125	35,183	40,314	276,282	1,368,123	287,098
Net income or net expense.....	4,621	3,416	15,460	436	70,956	3,564
Number of customers.....	507	317	292	1,798	8,356	2,275

Statements for the Year Ended December 31, 1967

Sarnia	Scarborough	Schreiber Twp.	Seaforth	Shelburne	Simcoe	Sioux Lookout	Smith's Falls	Southamp- ton
55,393	273,992	2,204	2,147	1,267	10,115	2,651	9,931	1,735
\$	\$	\$	\$	\$	\$	\$	\$	\$
8,081,213	32,481,104	201,014	368,678	185,517	1,118,923	309,930	1,205,145	313,285
2,208,959	7,794,848	60,547	89,028	61,386	368,502	90,344	370,892	81,625
5,872,254	24,686,256	140,467	279,650	124,131	750,421	219,586	834,253	231,660
5,800	433,938	17,871	13,752	18,076	84,754	20,944	121,616	37,494
300,000	1,105,000	.....	.....	.....	24,468	52,000	.....	.....
193,295	99,000	20,000	9,000	8,000	.....	5,000	20,000	10,025
259,420	1,029,500	1,550	2,029	4,366	9,330	2,752	10,728	1,847
8,161	4,555	.....	14	.....	3,060	.....	.....	.....
766,676	2,671,993	39,421	24,795	30,442	121,612	80,696	152,344	49,366
276,912	536,136	2,291	341	786	1,039	8,862	35,318	9,169
.....	2,432,171	.....	.....	.....	.....	.....	.....	.....
42,544	145,132	.....	.....	164	.....	644	.....	.....
319,456	3,113,439	2,291	341	950	1,039	9,506	35,318	9,169
8,252,775	9,497,438	101,643	277,668	137,110	962,686	194,788	933,195	171,109
15,211,161	39,969,126	283,822	582,454	292,633	1,835,758	504,576	1,955,110	461,304
594,600	8,498,156	.....	10,600	.....	.....	.....	.....	.....
289,866	2,681,392	5	5,084	44	3,973	487	.....	96
71,138	.....	.....	3,240	176	13,386	4,382	.....	545
955,604	11,179,548	5	18,924	220	17,359	4,869	.....	641
8,252,775	9,497,438	101,643	277,668	137,110	962,686	194,788	933,195	171,109
.....
8,252,775	9,497,438	101,643	277,668	137,110	962,686	194,788	933,195	171,109
921,791	3,685,003	50,000	63,841	16,991	75,435	.....	147,662	42,523
.....	2,432,171	.....	.....	.....	.....	.....	.....	.....
4,984,908	11,882,871	132,174	221,521	136,615	779,685	304,919	874,253	247,031
96,083	1,292,095	.....	500	1,697	593	.....	.....	.....
6,002,782	19,292,140	182,174	285,862	155,303	855,713	304,919	1,021,915	289,554
15,211,161	39,969,126	283,822	582,454	292,633	1,835,758	504,576	1,955,110	461,304
3,054,469	13,938,452	95,871	128,836	74,087	615,299	167,991	574,875	126,885
117,830	675,766	1,246	3,404	2,268	14,122	2,550	6,092	4,323
3,172,299	14,614,218	97,117	132,240	76,355	629,421	170,541	580,967	131,208
1,946,079	10,028,215	70,186	81,799	49,216	486,341	91,297	389,349	71,773
.....
465,110	773,326	5,650	16,521	4,361	40,315	25,159	46,995	15,499
330,764	949,207	12,925	15,308	7,230	37,427	24,809	49,894	9,617
94,999	970,622	.....	2,929	.....	.....	.....	.....	.....
213,129	1,079,752	5,904	10,694	6,750	36,414	8,500	33,639	9,796
.....
3,050,081	13,801,122	94,665	127,251	67,557	600,497	149,765	519,877	106,685
122,218	813,096	2,452	4,989	8,798	28,924	20,776	61,090	24,523
16,415	80,448	681	899	640	3,826	986	3,605	1,310

Municipal Electrical Utilities Financial

Municipality.....	S. Grimsby Twp.	South River	Springfield	Stayner	Stirling	Stoney Creek
Population.....	1,000	907	414	1,808	1,357	7,577
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost.....	\$ 111,280	\$ 166,890	\$ 55,673	\$ 197,418	\$ 174,349	\$ 563,257
Less accumulated depreciation.....	27,914	52,450	20,253	45,567	53,928	161,295
Net fixed assets.....	83,366	114,440	35,420	151,851	120,421	401,962
CURRENT ASSETS						
Cash on hand and in bank.....	7,582	6,446	8,127	11,159	19,701	42,643
Investments—short term.....						40,000
—long term.....	3,000		500			
Accounts receivable (net).....	622	475	374	5,317	613	20,962
Other.....					256	3,611
Total current assets.....	11,204	6,921	9,001	16,476	20,570	107,216
OTHER ASSETS						
Inventories.....				3,225	1,132	
Sinking fund on debentures.....						
Miscellaneous assets.....		13,357		372		1,593
Total other assets.....		13,357		3,597	1,132	1,593
Equity in Ontario Hydro.....	64,565	11,562	44,045	130,316	107,015	247,955
Total.....	159,135	146,280	88,466	302,240	249,138	758,726
LIABILITIES						
Debentures outstanding.....		72,500			2,820	14,719
Current liabilities.....	91	11,401	2,729	2,901	285	9,368
Other liabilities.....	396	1,564	301	1,196	2,038	6,327
Total liabilities.....	487	85,465	3,030	4,097	5,143	30,414
RESERVES						
Equity in Ontario Hydro.....	64,565	11,562	44,045	130,316	107,015	247,955
Other reserves.....						
Total reserves.....	64,565	11,562	44,045	130,316	107,015	247,955
CAPITAL						
Debentures redeemed.....	15,000	17,500	9,500	9,557	20,180	63,741
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	78,059	31,753	31,891	154,495	116,800	408,331
Contributed capital.....	1,024			3,775		8,285
Total capital.....	94,083	49,253	41,391	167,827	136,980	480,357
Total.....	159,135	146,280	88,466	302,240	249,138	758,726
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	54,423	56,193	17,413	83,179	70,610	313,436
Miscellaneous.....	1,865	226	216	2,451	917	16,215
Total revenue.....	56,288	56,419	17,629	85,630	71,527	329,651
EXPENSE						
Power purchased.....	33,124	26,722	10,671	58,409	44,973	214,455
Local generation.....						
Operation and maintenance.....	4,556	2,925	1,631	5,533	6,669	22,555
Administration.....	11,138	5,959	1,263	7,107	6,101	35,731
Financial.....		7,922			692	5,416
Depreciation.....	3,722	4,415	1,894	5,803	4,879	22,609
Other.....						
Total expense.....	52,540	47,943	15,459	76,852	63,314	300,766
Net income or net expense.....	3,748	8,476	2,170	8,778	8,213	28,885
Number of customers.....	417	338	182	740	565	2,143

Statements for the Year Ended December 31, 1967

Stouffville	Stratford	Strathroy	Streetsville	Sturgeon Falls	Sudbury	Sunderland	Sundridge	Sutton
3,713	23,050	5,724	6,123	6,381	84,361	632	720	1,791
\$	\$	\$	\$	\$	\$	\$	\$	\$
418,554	4,673,927	856,546	536,494	548,273	9,106,189	72,586	97,127	218,626
101,534	844,290	291,152	127,814	144,742	2,717,953	20,953	21,227	29,346
317,020	3,829,637	565,394	408,680	403,531	6,388,236	51,633	75,900	189,280
7,833	17,610	13,221	29,062	26,134	54,822	10,215	8,274	6,955
87,000	.....	.....	116,500	.....	350,000	.....	.....	17,500
.....	.....	.....	.....	.....	749,375	2,000	19,000	.....
9,818	114,495	17,011	9,914	11,988	485,129	623	887	5,846
.....	4,590	2,061	1,018	753	1,921	50	.....	.....
104,651	136,695	32,293	156,494	38,875	1,641,247	12,888	28,161	30,301
427	203,260	1,295	316	.....	191,149	30	12	1,199
.....
1,367	77,321	1,222	2,074	6,696	99,948	.....	1,982	14,234
1,794	280,581	2,517	2,390	6,696	291,097	30	1,994	15,433
215,054	2,860,379	539,957	230,380	152,453	3,359,672	56,425	30,060	158,103
638,519	7,107,292	1,140,161	797,944	601,555	11,680,252	120,976	136,115	393,117
45,908	1,564,500	62,000	67,669	125,190	1,425,100	.....	12,159	.....
17,378	123,448	55,148	17,567	20,400	561,403	574	475	2,301
.....	30,853	16,968	6,417	13,802	271,167	162	248	5,197
63,286	1,718,801	134,116	91,653	159,392	2,257,670	736	12,882	7,498
215,054	2,860,379	539,957	230,380	152,453	3,359,672	56,425	30,060	158,103
.....	.....	.....	.....	.....	1,060	.....	.....	.....
215,054	2,860,379	539,957	230,380	152,453	3,360,732	56,425	30,060	158,103
37,654	611,300	81,134	85,904	64,810	1,307,219	4,628	22,841	26,000
.....
312,021	1,803,658	383,198	352,428	224,900	4,754,631	59,187	70,332	173,719
10,504	113,154	1,756	37,579	.....	.....	.....	.....	27,797
360,179	2,528,112	466,088	475,911	289,710	6,061,850	63,815	93,173	227,516
638,519	7,107,292	1,140,161	797,944	601,555	11,680,252	120,976	136,115	393,117
203,317	1,632,611	367,921	285,534	254,637	3,514,339	30,986	44,280	118,967
13,803	55,043	749	13,521	7,449	323,410	1,443	1,107	2,249
217,120	1,687,654	368,670	299,055	262,086	3,837,749	32,429	45,387	121,216
127,602	1,083,890	237,014	194,014	152,578	2,189,646	21,983	28,817	72,434
.....
14,312	172,134	45,532	14,714	21,897	434,545	1,519	3,284	6,661
18,802	157,272	39,831	23,887	29,914	488,970	2,324	4,527	17,278
5,508	123,280	6,954	10,157	15,875	142,764	.....	2,808	9
14,304	120,756	23,147	16,199	19,127	338,866	2,783	2,543	5,266
.....
180,528	1,657,332	352,478	258,971	239,391	3,594,791	28,609	41,979	101,648
36,592	30,322	16,192	40,084	22,695	242,958	3,820	3,408	19,568
1,316	7,765	2,090	1,590	1,766	26,035	280	347	946

Municipal Electrical Utilities Financial

Municipality.....	Tara	Tavistock	Tecumseh	Teeswater	Terrace Bay Twp. 1,824	Thamesford
Population.....	535	1,269	4,750	918	1,824	1,421
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	72,537	200,356	414,207	125,204	293,123	167,744
Less accumulated depreciation.....	15,153	74,299	132,340	28,397	77,047	46,307
Net fixed assets.....	57,384	126,057	281,867	96,807	216,076	121,437
CURRENT ASSETS						
Cash on hand and in bank.....	6,520	17,979	23,983	10,581	52,831	27,118
Investments—short term.....		15,000	52,745			
—long term.....	8,000			3,500		
Accounts receivable (net).....	337	410	11,696	273	2,755	18
Other.....	673	24				
Total current assets.....	15,530	33,413	88,424	14,354	55,586	27,136
OTHER ASSETS						
Inventories.....	709	300	18,636	233		30
Sinking fund on debentures.....						
Miscellaneous assets.....	1,179		2,255		5,872	69
Total other assets.....	1,888	300	20,891	233	5,872	99
Equity in Ontario Hydro.....	61,378	213,149	210,670	98,711	139,241	106,238
Total.....	136,180	372,919	601,852	210,105	416,775	254,910
LIABILITIES						
Debentures outstanding.....		10,140	55,000		11,700	800
Current liabilities.....	9,015	1,962	51,892	423	173	9,398
Other liabilities.....	292		2,565	148		3,100
Total liabilities.....	9,307	12,102	109,457	571	11,873	13,298
RESERVES						
Equity in Ontario Hydro.....	61,378	213,149	210,670	98,711	139,241	106,238
Other reserves.....						
Total reserves.....	61,378	213,149	210,670	98,711	139,241	106,238
CAPITAL						
Debentures redeemed.....	14,263	25,144	26,000	21,296	66,300	7,558
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	51,232	122,524	248,332	89,527	198,428	126,396
Contributed capital.....			7,393		933	1,420
Total capital.....	65,495	147,668	281,725	110,823	265,661	135,374
Total.....	136,180	372,919	601,852	210,105	416,775	254,910
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	46,864	72,833	193,576	65,699	92,568	80,468
Miscellaneous.....	1,222	4,368	7,497	500	3,816	4,625
Total revenue.....	48,086	77,201	201,073	66,199	96,384	85,093
EXPENSE						
Power purchased.....	33,962	47,506	117,360	45,583	65,217	54,080
Local generation.....						
Operation and maintenance.....	3,743	4,490	23,902	2,930	5,664	1,754
Administration.....	1,773	5,386	27,490	3,427	8,143	6,277
Financial.....		2,272	942		4,485	236
Depreciation.....	2,482	6,934	10,813	3,767	7,963	6,847
Other.....						
Total expense.....	41,960	66,588	180,507	55,707	91,472	69,194
Net income or net expense.....	6,126	10,613	20,566	10,492	4,912	15,899
Number of customers.....	269	537	1,438	388	462	447

Statements for the Year Ended December 31, 1967

Thamesville	Thedford	Thessalon	Thornbury	Thorndale	Thornton	Thorold	Tilbury
1,026	671	1,623	1,264	407	308	8,803	3,411
\$	\$	\$	\$	\$	\$	\$	\$
156,551	88,129	178,375	198,466	48,394	27,515	871,600	371,950
54,992	21,488	44,984	30,482	21,129	11,015	247,337	127,127
101,559	66,641	133,391	167,984	27,265	16,500	624,263	244,823
4,688	.....	36,723	5,414	10,659	4,127	36,160	3,786
.....	.....	15,000	.....	.....	.....	270,000	.....
8,916	8,000	.....	3,985	3,000	.....	.....	.....
604	3,999	1,042	8,973	602	692	28,027	7,319
.....	2,274	.....	.....	.....	.....	1,725	.....
14,208	14,273	52,765	18,372	14,261	4,819	335,912	11,105
296	29	.....	3,024	.....	.....	28,171	2,107
.....	.....	4,673	465	800	.....	1,490	475
296	29	4,673	3,489	800	.....	29,661	2,582
114,770	69,818	35,632	67,382	40,975	20,275	1,234,676	312,040
230,833	150,761	226,461	257,227	83,301	41,594	2,224,512	570,550
.....	.....	32,500	10,200	.....	.....	48,956	17,000
155	2,106	5,291	1,119	1,191	219	9,221	5,578
1,085	278	1,969	220	232	42	8,127	2,592
1,240	2,384	39,760	11,539	1,423	261	66,304	25,170
114,770	69,818	35,632	67,382	40,975	20,275	1,234,676	312,040
.....
114,770	69,818	35,632	67,382	40,975	20,275	1,234,676	312,040
11,188	16,500	32,500	75,800	3,086	7,200	78,807	47,000
.....
101,160	61,503	118,569	100,150	37,817	13,858	811,973	183,025
2,475	556	.....	2,356	.....	.....	32,752	3,315
114,823	78,559	151,069	178,306	40,903	21,058	923,532	233,340
230,833	150,761	226,461	257,227	83,301	41,594	2,224,512	570,550
63,233	36,595	92,327	87,009	18,142	9,714	464,433	178,566
2,299	837	2,072	1,880	1,268	.....	19,569	5,056
65,532	37,432	94,399	88,889	19,410	9,714	484,002	183,622
40,665	24,247	44,975	53,470	10,371	6,356	227,782	112,157
.....
5,937	2,718	6,091	11,146	2,082	462	50,447	22,980
8,695	3,027	14,081	10,529	2,156	957	52,329	20,229
.....	.....	5,082	2,370	.....	.....	9,395	4,808
5,282	2,740	5,199	6,014	2,102	964	24,329	10,932
.....
60,579	32,732	75,428	83,529	16,711	8,739	364,282	171,106
4,953	4,700	18,971	5,360	2,699	975	119,720	12,516
449	301	554	586	142	105	2,648	1,188

Municipal Electrical Utilities Financial

Municipality.....	Tillsonburg	Toronto	Toronto Twp.	Tottenham	Trenton	Tweed
Population.....	6,612	667,571	107,540	783	13,867	1,713
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,056,064	123,718,878	19,343,059	60,883	2,033,451	205,152
Less accumulated depreciation.....	249,915	38,051,654	2,690,199	21,328	633,343	63,392
Net fixed assets.....	806,149	85,667,224	16,652,860	39,555	1,400,108	141,760
CURRENT ASSETS						
Cash on hand and in bank.....	69,894	295,887	5,297	5,030	60,835	12,885
Investments—short term.....	100,000	6,350,000	812,000			
—long term.....		1,008,440	8,000	14,034	10,000	11,000
Accounts receivable (net).....	14,171	4,944,760	368,608	1,573	69,850	752
Other.....	456	62,224	891,800			
Total current assets.....	184,521	12,661,311	2,085,705	20,637	140,685	24,637
OTHER ASSETS						
Inventories.....	25,687	2,749,038	564,190	374	71,026	
Sinking fund on debentures.....		3,516,580				
Miscellaneous assets.....	2,286	7,179,163	55,784	471	633	
Total other assets.....	27,973	13,444,781	619,974	845	71,659	
Equity in Ontario Hydro.....	620,367	110,081,265	4,551,249	66,851	1,490,024	136,595
Total.....	1,639,010	221,854,581	23,909,788	127,888	3,102,476	302,992
LIABILITIES						
Debentures outstanding.....	30,700	11,579,417	1,342,853		112,000	
Current liabilities.....	26,049	4,767,337	1,462,719	438	19,411	1,217
Other liabilities.....	23,171		2,591,025	759	16,194	676
Total liabilities.....	79,920	16,346,754	5,396,597	1,197	147,605	1,893
RESERVES						
Equity in Ontario Hydro.....	620,367	110,081,265	4,551,249	66,851	1,490,024	136,595
Other reserves.....		294,000				
Total reserves.....	620,367	110,375,265	4,551,249	66,851	1,490,024	136,595
CAPITAL						
Debentures redeemed.....	175,796	33,953,935	1,082,895	21,435	202,587	19,000
Sinking fund debentures.....		3,516,580				
Accumulated net income invested in plant or held as working funds.....	756,858	54,777,230	8,079,886	38,405	1,176,333	145,504
Contributed capital.....	6,069	2,884,817	4,799,161		85,927	
Total capital.....	938,723	95,132,562	13,961,942	59,840	1,464,847	164,504
Total.....	1,639,010	221,854,581	23,909,788	127,888	3,102,476	302,992
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	463,474	49,284,265	8,074,047	27,748	920,526	90,081
Miscellaneous.....	16,453	1,551,197	147,510	1,437	39,367	4,025
Total revenue.....	479,927	50,835,462	8,221,557	29,185	959,893	94,106
EXPENSE						
Power purchased.....	297,850	32,179,772	5,771,633	18,144	720,163	66,669
Local generation.....						
Operation and maintenance.....	52,847	6,001,378	466,804	2,414	50,500	5,316
Administration.....	38,180	5,066,956	499,561	3,381	69,606	6,905
Financial.....	9,002	1,184,995	294,064		19,883	
Depreciation.....	29,972	3,856,949	485,894	2,069	72,154	8,178
Other.....						
Total expense.....	427,851	48,290,050	7,517,956	26,008	932,306	87,068
Net income or net expense.....	52,076	2,545,412	703,601	3,177	27,587	7,038
Number of customers.....	2,689	231,898	30,215	316	4,760	686

Statements for the Year Ended December 31, 1967

Uxbridge 2,626	Vankleek Hill 1,688	Victoria Harbour 1,037	Walkerton 4,251	Wallaceburg 10,798	Wardsville 301	Warkworth 560	Wasaga Beach 1,079
\$ 299,887 77,760	\$ 172,101 60,435	\$ 103,764 21,858	\$ 459,791 116,454	\$ 1,346,544 508,446	\$ 46,698 13,223	\$ 69,866 20,935	\$ 210,952 78,796
222,127	111,666	81,906	343,337	838,098	33,475	48,931	132,156
853	7,299	724	31,662	225	1,724	4,319	47,770
2,917	30,000		6,000		1,500		
10,742	87	4,957	3,289	51,954	1,936	171	1,727 972
14,512	37,386	5,681	40,951	52,179	5,160	4,490	50,469
		3,110	15,454	140,349			1,388
359	3,667	98				442	2,864
359	3,667	3,208	15,454	140,349		442	4,252
209,111	39,866	47,913	331,919	1,462,324	28,012	37,324	48,984
446,109	192,585	138,708	731,661	2,492,950	66,647	91,187	235,861
27,400	18,200	3,400				5,332	16,500
2,717	3,031	11,057	1,302	34,645	19	43	5,366
3,198		351	4,267	29,942	171	315	122
33,315	21,231	14,808	5,569	64,587	190	5,690	21,988
209,111	39,866	47,913	331,919	1,462,324	28,012	37,324	48,984
209,111	39,866	47,913	331,919	1,462,324	28,012	37,324	48,984
17,901	27,800	15,479	56,749	71,537	7,562	9,441	93,500
185,782	103,688	60,508	337,424	894,502	27,893 2,990	33,250 5,482	70,718 671
203,683	131,488	75,987	394,173	966,039	38,445	48,173	164,889
446,109	192,585	138,708	731,661	2,492,950	66,647	91,187	235,861
159,596 5,709	61,114 3,680	43,968 154	253,004 7,425	854,944 4,293	14,038 202	23,416 593	80,399 1,145
165,305	64,794	44,122	260,429	859,237	14,240	24,009	81,544
120,332	43,588	28,259	191,011	704,949	8,528	14,174	42,079
		5,623	15,057	47,107	2,405	1,910	8,059
10,478	4,434	5,820	23,332	70,501	1,202	2,997	16,482
17,634	6,666	1,198				642	3,212
2,537	3,626	2,963	16,190	41,692	1,444	2,634	6,520
9,979	6,741						
160,960	65,055	43,863	245,590	864,249	13,579	22,357	76,352
4,345	261	259	14,839	5,012	661	1,652	5,192
1,060	585	566	1,515	3,791	162	249	968

Municipal Electrical Utilities Financial

Municipality.....	Waterdown	Waterford	Waterloo	Watford	Waubau- shene	Webbwood
Population	2,007	2,452	31,296	1,248	1,500	555
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	232,177	215,828	4,830,809	131,474	78,805	48,237
Less accumulated depreciation	64,846	55,831	975,226	45,040	17,460	12,102
Net fixed assets	167,331	159,997	3,855,583	86,434	61,345	36,135
CURRENT ASSETS						
Cash on hand and in bank	9,482	24,618	.....	14,809	4,154	7,288
Investments—short term .....	.....	27,561	150,000	.....	.....	5,000
—long term .....	.....	.....	.....	18,114	.....	.....
Accounts receivable (net)	4,173	3,759	194,217	8,080	1,750	2,053
Other	18	.....	143,663	90	10	902
Total current assets	13,673	55,938	487,880	41,093	5,914	15,243
OTHER ASSETS						
Inventories .....	.....	326	146,742	448	270	541
Sinking fund on debentures .....	.....	.....	.....	.....	.....	.....
Miscellaneous assets	642	.....	12,151	90	.....	3,475
Total other assets	642	326	158,893	538	270	4,016
Equity in Ontario Hydro	132,006	181,734	2,076,741	181,207	41,396	8,724
Total	313,652	397,995	6,579,097	309,272	108,925	64,118
LIABILITIES						
Debentures outstanding	13,500	23,000	1,431,000	.....	.....	14,601
Current liabilities	1,092	2,389	216,935	586	1,504	247
Other liabilities	701	3,115	32,937	888	36	669
Total liabilities	15,293	28,504	1,680,872	1,474	1,540	15,517
RESERVES						
Equity in Ontario Hydro	132,006	181,734	2,076,741	181,207	41,396	8,724
Other reserves .....	.....	.....	.....	.....	.....	.....
Total reserves	132,006	181,734	2,076,741	181,207	41,396	8,724
CAPITAL						
Debentures redeemed	24,132	19,123	878,844	9,056	3,242	15,399
Sinking fund debentures .....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds	131,314	164,203	1,631,858	117,535	62,747	24,478
Contributed capital	10,907	4,431	310,782	.....	.....	.....
Total capital	166,353	187,757	2,821,484	126,591	65,989	39,877
Total	313,652	397,995	6,579,097	309,272	108,925	64,118
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	93,527	129,370	2,225,970	106,484	29,388	19,238
Miscellaneous	2,997	1,469	34,728	1,830	709	803
Total revenue	96,524	130,839	2,260,698	108,314	30,097	20,041
EXPENSE						
Power purchased	63,147	74,500	1,427,360	74,086	17,723	8,934
Local generation .....	.....	.....	.....	.....	.....	.....
Operation and maintenance	9,379	15,450	167,625	5,702	4,685	2,087
Administration	9,071	8,906	190,717	14,138	3,192	2,438
Financial	3,347	2,878	195,140	.....	.....	2,625
Depreciation	8,651	5,927	129,601	3,838	2,242	1,448
Other .....	.....	.....	.....	.....	.....	.....
Total expense	93,595	107,661	2,110,443	97,764	27,842	17,532
Net income or net expense	2,929	23,178	150,255	10,550	2,255	2,509
Number of customers	618	872	8,798	567	473	144

Statements for the Year Ended December 31, 1967

Welland	Wellesley	Wellington	West Ferris Twp.	West Lorne	Westport	Wheatley	Whitby
39,493	728	924	7,000	914	596	1,568	23,004
\$	\$	\$	\$	\$	\$	\$	\$
4,575,547	85,576	101,508	972,669	166,694	59,512	224,319	1,895,423
1,402,903	18,259	38,864	214,991	65,566	11,463	56,477	429,519
3,172,644	67,317	62,644	757,678	101,128	48,049	167,842	1,465,904
87,688	3,179	11,894	23,608	15,561	9,245	6,860	23,313
200,000	.....	.....	.....	30,000	.....	25,000	.....
.....	9,000	17,000	.....	10,000	3,500	.....	.....
49,833	.....	74	15,026	3,023	90	1,222	30,332
4,517	.....	8	225	199	.....	.....	.....
342,038	12,179	28,976	38,859	58,783	12,835	33,082	53,645
84,089	.....	650	6,636	75	.....	2,337	59,332
.....
17,631	.....	.....	12,375	.....	.....	.....	2,303
101,720	.....	650	19,011	75	.....	2,337	61,635
2,777,907	70,645	92,912	228,574	164,628	52,754	122,224	929,537
6,394,309	150,141	185,182	1,044,122	324,614	113,638	325,485	2,510,721
1,173,000	1,400	.....	320,200	.....	.....	2,700	189,000
64,529	510	117	38,655	83	127	1,312	26,065
17,402	35	778	25,271	185	419	765	43,166
1,254,931	1,945	895	384,126	268	546	4,777	258,231
2,777,907	70,645	92,912	228,574	164,628	52,754	122,224	929,537
.....
2,777,907	70,645	92,912	228,574	164,628	52,754	122,224	929,537
707,662	11,028	13,816	167,300	8,000	15,000	49,300	332,693
.....
1,618,151	66,481	68,067	233,806	148,147	45,261	147,634	975,341
35,658	42	9,492	30,316	3,571	77	1,550	14,919
2,361,471	77,551	91,375	431,422	159,718	60,338	198,484	1,322,953
6,394,309	150,141	185,182	1,044,122	324,614	113,638	325,485	2,510,721
2,213,247	35,250	40,146	395,892	86,690	31,490	78,101	928,524
34,432	997	2,342	15,829	6,678	498	1,184	37,989
2,247,679	36,247	42,488	411,721	93,368	31,988	79,285	966,513
1,480,404	23,524	26,129	231,823	57,008	19,908	42,938	679,612
.....
173,858	2,393	3,466	30,329	7,002	1,352	6,081	52,258
199,029	3,021	4,279	47,378	12,085	4,058	8,330	82,229
134,973	474	.....	43,332	.....	.....	2,742	41,099
133,190	2,637	3,978	30,295	6,210	1,570	6,148	65,134
.....
2,121,454	32,049	37,852	383,157	82,305	26,888	66,239	920,332
126,225	4,198	4,636	28,564	11,063	5,100	13,046	46,181
11,789	314	473	2,332	462	303	582	4,425

Municipal Electrical Utilities Financial

Municipality	Warton	Widdifield Twp.	Williams- burg 322	Winchester	Windermere	Windsor
Population	1,930	13,500	322	1,421	111	191,762
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	227,647	1,610,502	31,342	152,863	47,520	23,719,784
Less accumulated depreciation	61,410	426,805	13,618	48,736	11,114	7,538,757
Net fixed assets	166,237	1,183,697	17,724	104,127	36,406	16,181,027
CURRENT ASSETS						
Cash on hand and in bank	5,448	65,914	11,365	36,242	2,223	2,635
Investments—short term						
—long term	15,000		5,000		5,000	1,314,475
Accounts receivable (net)	9,077	30,165	333	5,875	209	999,126
Other		689		600		30,335
Total current assets	29,525	96,768	16,698	42,717	7,432	2,346,571
OTHER ASSETS						
Inventories	6,839	7,830				480,841
Sinking fund on debentures						
Miscellaneous assets	551	27,594				85,104
Total other assets	7,390	35,424				565,945
Equity in Ontario Hydro	172,747	237,090	39,604	160,193	22,526	18,102,635
Total	375,899	1,552,979	74,026	307,037	66,364	37,196,178
LIABILITIES						
Debentures outstanding		1,084,000				1,248,572
Current liabilities	79	61,256	64	386	232	1,557,082
Other liabilities	146	7,333	458	126		234,877
Total liabilities	225	1,152,589	522	512	232	3,040,531
RESERVES						
Equity in Ontario Hydro	172,747	237,090	39,604	160,193	22,526	18,102,635
Other reserves						234,192
Total reserves	172,747	237,090	39,604	160,193	22,526	18,336,827
CAPITAL						
Debentures redeemed	37,400	66,000	2,750	29,162	11,238	3,689,835
Sinking fund debentures						
Accumulated net income invested in plant or held as working funds	165,527	97,300	31,150	117,170	32,368	12,078,963
Contributed capital						50,022
Total capital	202,927	163,300	33,900	146,332	43,606	15,818,820
Total	375,899	1,552,979	74,026	307,037	66,364	37,196,178
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	106,791	714,545	16,503	103,945	13,070	10,101,307
Miscellaneous	5,463	41,176	340	1,090	590	185,216
Total revenue	112,254	755,721	16,843	105,035	13,660	10,286,523
EXPENSE						
Power purchased	66,797	421,277	11,143	80,201	8,639	7,014,251
Local generation						
Operation and maintenance	11,265	45,463	650	5,048	1,281	1,170,356
Administration	10,099	82,987	1,601	7,860	856	935,758
Financial		98,361				244,511
Depreciation	8,743	55,764	1,103	4,856	1,396	635,462
Other						
Total expense	96,904	703,852	14,497	97,965	12,172	10,000,338
Net income or net expense	15,350	51,869	2,346	7,070	1,488	286,185
Number of customers	842	3,903	145	590	140	59,911

Statements for the Year Ended December 31, 1967

Wingham	Woodbridge	Woodstock	Woodville	Wyoming	York	Zurich	All Regions
2,935	2,413	24,323	431	978	140,331	732	
\$	\$	\$	\$	\$	\$	\$	\$
480,360	243,353	3,570,940	56,070	110,398	12,076,134	88,517	706,702,798
182,755	92,220	1,085,159	13,072	35,616	4,048,574	12,138	182,315,075
297,605	151,133	2,485,781	42,998	74,782	8,027,560	76,379	524,387,723
26,380	13,537	33,347	628	592	303,434	12,176	11,784,458
.....	75,000	70,000	.....	.....	900,000	.....	21,164,511
49,571	24,750	.....	6,000	4,354	704,000	.....	9,039,413
2,605	4,650	44,553	1,649	182	532,808	332	23,168,868
1,109	11,125	1,933	.....	81	14,612	.....	1,834,703
79,665	129,062	149,833	8,277	5,209	2,454,854	12,508	66,991,953
15,922	.....	97,740	.....	950	138,885	.....	15,803,084
.....	.....	.....	.....	.....	70,212	.....	11,099,516
1,109	.....	.....	.....	.....	444,978	.....	10,185,521
17,031	.....	97,740	.....	950	654,075	.....	37,088,121
332,823	274,501	2,670,962	38,287	59,014	8,555,158	73,006	439,046,394
727,124	554,696	5,404,316	89,562	139,955	19,691,647	161,893	1,067,514,191
.....	.....	.....	.....	.....	108,213	.....	99,973,438
1,052	1,343	21,102	31	367	525,890	222	28,417,741
4,216	2,059	21,614	27	457	572,973	297	8,671,660
5,268	3,402	42,716	58	824	1,207,076	519	137,062,839
332,823	274,501	2,670,962	38,287	59,014	8,555,158	73,006	439,046,394
.....	.....	.....	.....	.....	.....	.....	1,458,579
332,823	274,501	2,670,962	38,287	59,014	8,555,158	73,006	440,504,973
81,155	23,835	429,776	5,248	9,700	683,547	5,592	110,647,680
.....	.....	.....	.....	.....	70,212	.....	11,099,516
307,878	250,100	2,187,563	45,969	69,686	9,128,501	82,776	345,444,966
.....	2,858	73,299	.....	731	47,153	.....	22,754,217
389,033	276,793	2,690,638	51,217	80,117	9,929,413	88,368	489,946,379
727,124	554,696	5,404,316	89,562	139,955	19,691,647	161,893	1,067,514,191
187,464	140,997	1,693,055	19,001	48,328	5,496,228	41,634	316,856,666
9,796	8,988	45,940	462	1,452	328,286	323	9,690,237
197,260	149,985	1,738,995	19,463	49,780	5,824,514	41,957	326,546,903
126,285	102,688	1,205,068	10,716	35,159	3,889,630	22,023	220,454,314
.....	.....	.....	.....	.....	.....	.....	708,788
17,824	5,036	122,332	2,718	1,298	363,644	4,247	25,552,916
20,040	17,559	120,094	1,749	3,153	713,400	4,851	26,050,076
.....	.....	493	.....	.....	25,180	.....	12,131,296
13,437	10,647	109,026	2,041	3,653	449,487	2,166	21,137,680
.....	.....	.....	.....	.....	.....	.....	57,309
177,586	135,930	1,557,013	17,224	43,263	5,441,341	33,287	306,092,379
19,674	14,055	181,982	2,239	6,517	383,173	8,670	20,454,524
1,176	803	8,307	200	412	45,760	324	1,673,104

STATEMENT "C"

Statement "C" is the schedule of retail rates for residential, commercial, and industrial power service in the municipal distribution systems receiving power from the Commission. While accounts in some municipalities are calculated at net rates (marked N in the schedule) the majority are subject to a prompt-payment discount, usually 10 per cent.

Rates Schedules in Effect

Under normal or standard residential service, charges are calculated on specified blocks of kilowatt-hours per month at designated rates for each block. The account rendered is subject to a minimum monthly charge. For comparative purposes net monthly bills are shown for metered energy consumptions of 250, 500, and 750 kilowatt-hours, subject to the qualifications in the following paragraph.

Water-heating service may be provided either at a special flat-rate monthly charge, or through the regular metered service. The net monthly bills are calculated in Statement "C" at metered rates. A "w" opposite the rate of the third block of 500 kilowatt-hours for certain municipalities indicates that that block is available only to customers with an approved water heater supplied through the regular service meter. In these municipalities flat-rate service for water heating is not generally available to new applicants for residential service. House-heating energy may be segregated from the standard service and billed at a separate house-heating rate, or, as indicated in the table, it may be optionally included with the normal household service and billed at the regular residential rate. Where a low all-electric rate is in effect, house-heating energy would, of course, be included with the water-heating and basic household energy, the entire service being billed at this special rate.

Commercial rates are applicable to all electrical service supplied to stores, offices, churches, schools, public buildings, institutions, hospitals, hotels, restaurants, service stations, and other premises used for commercial purposes. The commercial rates are also used for billing sign and display lighting. In many municipalities, commercial-type customers having connected loads of under five kilowatts are billed at residential rates. Rates for industrial power service to customers of the municipal systems provide for 24-hour unrestricted delivery at secondary distribution voltage. These rates, however, are not applicable to the Commission's direct industrial customers.

Commercial and industrial power service bills are based on a monthly demand rate (with a minimum for commercial service) applied to the customer's billing demand, plus energy charges for specified blocks of kilowatt-hours used, the size of the blocks varying in accordance with the customer's billing demand. All additional energy is billed at the end rate per kilowatt-hour.

The general rate introduced in 1966 applies both to commercial and to power service customers. The use of a descending block-energy rate, supplemented in its application to larger loads by a demand charge per kilowatt, permits flexibility in design, and enables customers to take advantage of the benefits of scale by using more energy at the lower block rates. At the same time, it results in a relatively smooth adjustment in charges over the whole range of customer loads. The introduction of the general rate, which is more readily understood by the customer, also contributes towards rate simplification by greatly reducing the number of rate classifications required.

The net monthly bills shown for commercial and industrial power service are calculated on the basis of a demand of one kilowatt for a use per month of 200 and 300 hours. The corresponding bill for a demand of 10 kilowatts would be ten times the amounts shown, for 20 kilowatts twenty times the amounts shown, and so on.

STATEMENT "D"

Statement "D" records revenue, consumption, number of customers, average consumption per customer, and average cost per kilowatt-hour for each of the three main classes of service in all the municipal systems served. The revenue and consumption from house heating and the use of flat-rate water heaters are included in the totals shown, the flat-rate water-heater kilowatt-hours being estimated on the basis of 16.8 hours' use per day.

The average cost per kilowatt-hour is the average cost to the customer, that is the average revenue per kilowatt-hour received by the utility. Such a statistical average does not represent the utility's actual cost of delivering one kilowatt-hour. However, a comparison of this average over a number of years is some indication of the trend of cost in any one municipality, and the trend in all municipal systems combined may be seen in the table on page 142 and the graphs on page 143. Other things being equal, the average cost per kilowatt-hour would rise with an increase in rates. The normal trend, however, is for consumption per customer to increase, and residential customers in particular are using an ever-widening variety of electrical appliances, including fast-recovery water heaters. This increased use, since it is billed at the lower rates usually applicable to higher-consumption blocks of kilowatt-hours, is frequently reflected in a lower average cost per kilowatt-hour.

For industrial power service customers, the relationship between demand (kilowatts required) and energy (kilowatt-hours of use) is an important factor in establishing the customer's average cost per kilowatt-hour. The use of the demand for only a few hours will result in a relatively small total bill but a high average cost per kilowatt-hour; the use of the same demand for several hours will increase the total bill but substantially reduce the average cost per kilowatt-hour. In other words, the average cost per kilowatt-hour varies inversely with the customer's load factor.

RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

	Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	RESIDENTIAL SERVICE										Net Monthly Bill for		
			All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross					
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh		
Acton.....	41	Ø	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10		
Ailsa Craig.....	45	Ø	..	..	50	2.6	1.3	0.8	1.1	1.39	3.51	5.31	7.11
Ajax.....	37	1.2	1.1	1.1	50	3.4	1.7	..	1.0	1.70	4.59	6.84	9.09		
Alexandria.....	45	Ø	..	..	50	2.8	1.3	w0.7	1.1	1.67	3.60	5.17	6.75
Alfred.....	42	1.2	1.1	1.1	50	3.2	1.6	0.9	1.3	1.11	4.32	6.34	8.37		
Alliston.....	40	1.1	1.1	1.1	60	3.1	..	..	1.0	1.11	3.38	5.63	7.88
Almonte.....	35	□	..	..	50	2.8	1.4	w0.8	1.1	1.40	3.78	5.58	7.38
Alvinston.....N 5%	45	□	..	..	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85
Amherstburg.....	38	□	1.1	1.1	50	3.0	1.4	0.8	1.1	1.67	3.87	5.67	7.47		
Ancaster Twp.....	43	Ø	1.1	1.1	50	4.2	2.1	w0.7	1.1	2.22	5.67	7.24	8.82		
Apple Hill.....N 5%	..	□	1.0	1.0	50	3.0	1.1	w0.8	1.0	1.50	3.70	5.70	7.70		
Arkona.....N 5%	45	Ø	..	..	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Arnprior.....	37	1.2	1.1	1.1	50	2.6	1.3	..	0.8	1.39	3.51	5.31	7.11		
Arthur.....	42	Ø	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Athens.....	41	□	..	..	50	2.4	1.2	w0.7	1.1	1.20	3.24	4.81	6.39
Atikokan Twp....N 5%	44	□	4.0	1.0	50	4.0	2.0	w0.8	1.0	2.00	6.00	8.00	10.00		
Aurora.....	37	1.1	1.1	1.1	50	3.0	1.5	0.8	1.1	1.50	4.05	5.85	7.65		
Avonmore.....	40	Ø	4.0	1.1	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00		
Aylmer.....	36	Ø	..	..	50	2.6	1.2	0.8	1.1	1.67	3.33	5.13	6.93
Ayr.....	44	1.1	1.1	1.1	60	2.9	..	..	1.0	1.11	3.28	5.53	7.78
Baden.....	40	□	1.1	1.1	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38		
†Bala.....	41	1.22	..	..	50	4.4	2.2	w0.8	1.2	3.33	5.94	7.74	9.54
Bancroft.....	46	Ø	1.1	1.1	50	3.5	1.4	w0.8	1.1	1.75	4.09	5.89	7.69		
Barrie.....	38	Ø	1.11	1.11	50	4.0	..	..	1.11	2.00	3.80	6.30	8.79
Barry's Bay.....	42	Ø	..	..	50	2.6	1.3	w0.8	1.1	1.67	3.51	5.31	7.11
Bath.....N 5%	39	Ø	1.0	1.0	50	3.5	1.1	w0.7	1.0	1.75	3.95	5.70	7.45		
Beachburg.....	39	Ø	1.1	1.1	50	4.0	1.8	w0.7	1.1	2.22	5.04	6.61	8.19		
Beachville.....	42	□	..	..	50	2.8	1.4	0.7	1.1	1.67	3.78	5.35	6.93
Beamsville.....	43	Ø	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.75	4.59	6.39	8.19		
†Beardmore.....	45	Ø	3.4	1.2	50	4.0	2.0	w0.9	1.2	2.22	5.40	7.42	9.45		
Beaverton.....	40	□	..	..	50	2.6	1.3	0.7	1.1	1.39	3.51	5.08	6.66
Beeton.....	40	Ø	..	..	50	3.2	1.1	w0.7	1.1	1.67	3.42	4.99	6.57
Belle River.....	42	□	1.1	1.1	50	3.6	1.8	w0.8	1.1	2.22	4.86	6.66	8.46		
Belleville.....	32	Ø	1.1	1.1	50	3.2	1.3	w0.8	1.1	1.95	3.78	5.53	7.38		
Belmont.....N 10%	44	Ø	1.0	1.0	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30		
Blenheim.....	44	1.1	..	..	50	3.0	1.5	..	0.9	1.11	4.05	6.07	8.10
†Blind River.....	45	1.22	..	..	50	3.8	1.9	w0.8	1.1	1.39	5.13	6.93	8.73
Bloomfield.....	42	Ø	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Blyth.....	45	□	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Bobcaygeon.....	42	Ø	1.2	1.2	50	4.0	1.7	w0.8	1.2	2.22	4.86	6.66	8.46		

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE									
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand			
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use			Second Block Hours' Use				All Addi- tional Hours	
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		50	100	50	100	200 Hours	300 Hours			
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$		
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54		
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.6	..	0.5	0.33	2.79	3.09		
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.4	..	0.5	0.33	2.61	2.91		
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
1.3	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
...	1.5	2.6	...	1.0	3.69	4.59	1.20	1.9	...	1.3	...	0.30	2.79	3.06		
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.2	..	0.5	0.33	2.43	2.73		
		G.R.								G.R.						
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
1.1	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	..	2.7	..	0.5	0.33	3.78	4.08		
		G.R.								G.R.						
		G.R.								G.R.						
1.0	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09		
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27		
...	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.5	..	0.5	0.33	2.70	3.00		
1.35	1.35	°3.3	0.7	0.45	4.50	4.95	1.00	..	2.2	..	0.5	0.30	3.70	4.00		
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18		
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
1.1	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18		
...	1.5	2.4	...	0.9	3.42	4.23	1.20	2.1	...	1.4	...	0.30	2.92	3.19		
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18		
1.6	1.5	4.2	0.8	0.5	4.95	5.40	1.00	..	2.7	..	0.5	0.33	3.78	4.08		
1.1	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	1.9	..	0.5	0.33	3.06	3.36		
1.11	1.5	°2.0	...	0.8	2.97	3.69	1.03	1.4	...	0.9	...	0.25	2.16	2.38		
...	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.4	..	0.5	0.33	2.61	2.91		
		G.R.								G.R.						
...	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18		
1.5	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
1.2	1.5	°3.7	0.8	0.5	4.50	4.95	1.00	..	2.8	..	0.5	0.33	3.87	4.17		
...	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09		
1.5	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18		
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.2	..	0.5	0.33	3.33	3.63		
1.22	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.6	..	0.5	0.33	2.79	3.09		
...	1.35	°2.6	0.7	0.45	3.80	4.25	1.00	..	2.1	..	0.5	0.30	3.60	3.90		
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63		
1.1	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	..	2.7	..	0.5	0.33	3.78	4.08		
...	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09		
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45		
1.5	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	..	2.6	..	0.5	0.33	3.69	3.99		

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

		Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Bolton	45	Ø	1.1	1.1	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00	
Bothwell	45	□	..	..	50	2.6	1.3	w0.7	1.1	0.83	3.51	5.08	6.66
Bowmanville	35	..	1.1	1.1	50	3.0	1.2	w0.7	1.1	1.50	3.51	5.08	6.66	
Bracebridge	39	□	..	..	60	3.0	..	..	1.2	0.83	3.67	6.37	9.07
Bradford	40	Ø	..	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Braeside	36	Ø	1.1	1.1	50	2.6	1.3	..	1.1	0.83	3.51	5.98	8.46	
Brampton N 10%	37	Ø	1.0	1.0	50	5.0	1.3	w0.6	1.0	2.50	5.10	6.60	8.10	
Brantford N 5%	41	□	1.0	1.0	50	3.6	1.2	w0.7	1.0	1.50	4.20	5.95	7.70	
§§Brantford Twp.	42	Ø	1.1	1.1	50	3.8	1.8	w0.8	1.1	1.67	4.95	6.75	8.55	
Brechin	40	Ø	..	..	50	2.2	1.1	0.7	1.1	1.11	2.97	4.54	6.12
Bridgeport	45	Ø	1.1	1.1	50	4.0	1.6	w0.8	1.1	2.00	4.68	6.48	8.28	
Bridgen	45	□	..	..	50	2.6	1.1	w0.7	1.1	1.11	3.15	4.72	6.30
Brighton	42	1.1	..	..	50	3.0	1.4	w0.7	1.0	1.50	3.87	5.44	7.02
Brockville N 5%	38	..	1.0	1.0	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85	
Brussels	45	□	1.2	1.2	50	3.2	1.6	0.9	1.3	1.39	4.32	6.34	8.37	
Burford	43	Ø	1.1	1.1	50	3.0	1.5	0.9	1.1	1.11	4.05	6.07	8.10	
Burgessville	43	Ø	1.1	1.1	50	4.0	1.1	w0.8	1.1	2.00	3.78	5.58	7.38	
Burk's Falls	45	□	1.1	1.1	50	3.4	1.4	w0.9	1.1	1.67	4.05	6.07	8.10	
§§Burlington	42	□	1.1	1.1	50	4.0	1.8	w0.8	1.1	2.00	5.04	6.84	8.64	
Cache Bay	43	□	..	..	50	3.0	1.3	w0.8	1.1	1.67	3.69	5.49	7.29
§Caledonia	45	Ø	..	..	50	2.7	1.3	w0.8	1.1	2.00	3.55	5.35	7.15
Campbellford	35	Ø	..	..	50	1.7	1.1	0.5	1.0	1.67	2.74	3.87	4.99
Campbellville N 10%	45	..	1.0	1.0	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25	
Cannington	42	Ø	..	..	50	3.1	1.1	w0.7	1.1	1.67	3.37	4.95	6.52
§Capreol	43	Ø	..	..	50	3.2	1.3	w0.8	1.1	2.25	3.78	5.58	7.38
Cardinal	40	□	..	..	50	2.6	1.3	w0.8	1.1	1.30	3.51	5.31	7.11
Carleton Place	39	Ø	..	..	50	3.2	1.6	..	1.1	1.11	4.32	6.79	9.27
Casselman	38	Ø	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.70	4.05	5.85	7.65	
Cayuga	45	□	1.1	1.1	50	3.4	1.7	0.8	1.1	2.00	4.59	6.39	8.19	
Chalk River	40	Ø	1.1	1.1	50	3.6	1.6	w0.7	1.1	1.80	4.50	6.07	7.65	
Chapleau Twp. N 5%	45	Ø	5.0	1.2	50	5.0	2.5	w0.9	1.2	2.50	7.50	9.75	12.00	
Chatham N 10%	38	Ø	1.0	1.0	50	4.0	1.5	..	1.0	2.00	5.00	7.50	10.00	
Chatsworth	46	1.1	..	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Chesley N 10%	38	Ø	..	..	50	2.4	1.0	w0.6	1.0	1.20	3.20	4.70	6.20
Chesterville	41	Ø	..	..	50	2.8	1.3	w0.7	1.1	1.40	3.60	5.17	6.75
Chippawa	42	Ø	1.1	1.1	50	3.2	1.6	w0.8	1.1	1.67	4.32	6.12	7.92	
Clifford	45	□	1.1	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10	
Clinton	41	□	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10	
†Cobalt	42	Ø	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00	
Cobden	36	1.1	..	..	50	2.0	1.0	0.7	1.0	1.67	2.70	4.27	5.85

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand			Net Monthly Bill for Use of 1 Kw of Demand			
		Energy Rate per Kwh for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours	200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
1.3	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
...	1.5	°1.7	0.8	0.5	2.70	3.15	1.00	..	1.2	..	0.5	0.33	2.43	2.73
1.2	1.5	2.0	...	1.0	3.15	4.05	1.20	1.4	...	0.9	...	0.30	2.38	2.65
1.1	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.2	1.35	°2.2	0.7	0.4	3.40	3.80	1.00	..	1.6	..	0.5	0.30	3.10	3.40
...	1.5	G.R.	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	°1.7	0.8	0.5	2.70	3.15	1.00	..	1.2	..	0.5	0.33	2.43	2.73
1.2	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.0	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	G.R.	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	..	2.9	..	0.5	0.33	3.96	4.26
1.4	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.1	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.5	°1.2	0.8	0.5	2.25	2.70	1.00	..	0.7	..	0.5	0.33	1.98	2.28
1.2	1.35	°2.5	0.7	0.45	3.70	4.15	1.00	..	2.0	..	0.5	0.30	3.50	3.80
...	1.5	G.R.	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.3	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.3	1.35	°4.5	0.8	0.5	5.80	6.30	1.00	..	4.0	..	0.8	0.50	5.80	6.30
1.2	1.35	3.3	1.0	0.45	4.80	5.25	1.00	..	1.8	..	0.5	0.35	3.30	3.65
...	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.1	1.35	1.7	0.7	0.45	2.90	3.35	1.00	..	1.1	..	0.5	0.30	2.60	2.90
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.4	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.2	...	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.1	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81
...	...	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

		Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Cobourg.....	41	Ø	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Cochrane..... N 10%	35	Ø	1.0	1.0	50	3.2	1.5	..	1.0	1.60	4.60	7.10	9.60	
Colborne.....	43	1.1	..	..	60	3.8	..	..	1.0	0.83	3.76	6.01	8.26
Coldwater.....	40	Ø	..	..	50	2.6	1.3	0.7	1.1	1.11	3.51	5.08	6.66
Collingwood.....	41	□	..	..	50	2.4	1.2	0.7	1.1	1.11	3.24	4.81	6.39
Comber.....	45	Ø	1.1	1.1	50	3.0	1.5	0.9	1.1	1.11	4.05	6.07	8.10	
Coniston.....	42	Ø	1.1	1.1	50	3.2	1.3	w0.7	1.1	2.22	3.78	5.35	6.93	
Cookstown.....	45	Ø	..	..	50	2.6	1.1	w0.7	1.1	1.67	3.15	4.72	6.30
Cottam.....	41	Ø	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Courtright.....	45	Ø	1.1	1.1	50	4.0	2.0	w0.8	1.1	2.22	5.40	7.20	9.00	
Creemore..... N 10%	44	Ø	..	..	50	2.5	1.1	w0.6	1.0	1.25	3.45	4.95	6.45
Dashwood.....	45	1.2	1.2	1.2	50	3.6	1.8	1.1	1.5	1.11	4.86	7.33	9.81	
Deep River.....	40	1.1	1.1	1.1	50	3.4	1.4	..	0.9	1.67	4.05	6.07	8.10	
Delaware.....	44	Ø	..	..	50	4.0	1.7	w0.8	1.1	2.00	4.86	6.66	8.46
Delhi..... N 5%	43	□	z1.0	z1.0	50	2.3	1.1	0.7	1.0	1.50	3.35	5.10	6.85	
Deseronto..... N 10%	44	Ø	1.0	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40	
Dorchester.....	43	□	..	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Drayton.....	44	□	1.2	1.2	50	3.4	1.7	1.0	1.4	1.11	4.59	6.84	9.09	
Dresden.....	44	□	..	..	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
Drumbo.....	45	□	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Dryden.....	35	□	..	..	50	3.8	1.9	w0.7	1.1	1.90	5.13	6.70	8.28
Dublin.....	40	Ø	1.1	1.1	50	2.8	1.3	0.8	1.1	1.67	3.60	5.40	7.20	
Dundalk.....	44	1.1	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Dundas.....	43	..	1.1	1.1	50	3.6	1.8	w0.8	1.1	1.80	4.86	6.66	8.46	
Dunnville.....	45	1.1	1.1	1.1	50	2.8	1.4	..	0.9	0.83	3.78	5.80	7.83	
Durham..... N 10%	40	Ø	..	..	50	2.8	1.2	w0.7	1.0	1.40	3.80	5.55	7.30
Dutton.....	47	Ø	..	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
East York.....	35	1.2	1.1	1.1	50	3.34	1.3	..	0.9	1.67	3.84	5.87	7.89	
Eganville.....	41	Ø	..	..	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
†Elk Lake.....	42	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Elmira.....	45	□	1.1	1.1	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65	
Elmvale.....	40	Ø	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Elmwood.....	39	1.1	..	..	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
Elora..... N 5%	44	□	1.0	1.0	50	4.0	1.3	w0.7	1.0	2.00	4.60	6.35	8.10	
Embro..... N 5%	..	Ø	1.0	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65	
§§Embrun..... N 10%	39	Ø	4.0	1.0	50	4.0	1.8	w0.7	1.0	2.00	5.60	7.35	9.10	
†Englehart.....	42	Ø	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00	
Erieau.....	45	1.2	..	..	50	2.8	1.4	..	0.8	2.22	3.78	5.58	7.38
Erie Beach.....	45	1.1	..	..	50	4.0	2.0	..	1.1	2.78	5.40	7.87	10.35
Erin.....	40	□	..	..	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65

†Retail service provided by The Hydro-Electric Power Commission of Ontario
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per KwH	Space Heating per KwH (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per KwH for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per KwH for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100		Second Block Hours' Use 50 100		All Addi- tional Hours	200 Hours	300 Hours
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
1.1	1.5	¢2.0	0.8	0.5	2.97	3.42	1.00	..	1.2	..	0.5	0.33	2.43	2.73
...	1.35	2.6	0.7	0.45	3.80	4.25	1.00	..	1.6	..	0.5	0.30	3.10	3.40
...	1.5	3.0	...	1.0	4.05	4.95	1.35	2.8	...	1.8	...	0.33	3.58	3.88
...	1.5	¢2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.5	¢1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82
...	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.2	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45
...	1.5	¢2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91
...	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
1.5	1.5	¢3.5	0.8	0.5	4.32	4.77	1.00	..	2.4	..	0.5	0.33	3.51	3.81
...	1.35	¢1.6	0.7	0.45	2.80	3.25	1.00	..	1.1	..	0.5	0.30	2.60	2.90
...	1.5	¢3.1	0.8	0.5	3.96	4.41	1.00	..	2.4	..	0.5	0.33	3.51	3.81
...	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18
...	1.5	¢3.6	0.8	0.5	4.41	4.86	1.00	..	2.6	..	0.5	0.33	3.69	3.99
1.0	1.35	G.R.						G.R.						
1.2	1.35	¢2.4	0.7	0.45	3.60	4.05	1.00	..	1.7	..	0.5	0.30	3.20	3.50
...	...	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	1.5	¢2.9	0.8	0.5	3.78	4.23	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	...	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.2	1.5	¢3.1	0.8	0.5	3.96	4.41	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.4	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18
...	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.1	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.35	¢2.1	0.7	0.45	3.30	3.75	1.00	..	1.5	..	0.5	0.30	3.00	3.30
...	...	¢2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45
...	1.5	¢2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91
1.1	1.5	¢3.3	0.8	0.5	4.14	4.59	1.00	..	2.3	..	0.5	0.33	3.42	3.72
1.1	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.2	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	1.9	..	0.5	0.33	3.06	3.36
...	1.5	¢2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	...	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
		G.R.						G.R.						
		G.R.						G.R.						
1.35	1.35	¢2.2	0.7	0.45	3.40	3.85	1.00	..	1.6	..	0.5	0.30	3.10	3.40
1.1	1.5	¢3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.1	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.5	..	0.5	0.33	3.60	3.90
...	...	¢3.5	0.8	0.5	4.32	4.77	1.00	..	2.6	..	0.5	0.33	3.69	3.99
1.2	...	¢2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Espanola.....N 10%	35	Ø	1.0	1.0	50	3.0	1.2	w0.6	1.0	2.00	3.90	5.40	6.90
Essex.....	43	□	1.1	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65
Etobicoke.....	40	1.2	1.1	1.1	60	4.0	..	..	1.0	1.25	3.87	6.12	8.37
Exeter.....	40	Ø	..	..	50	3.6	1.8	w0.8	1.1	2.22	4.86	6.66	8.46
Fenelon Falls...N 5%	40	Ø	..	..	50	3.0	1.4	w0.7	1.1	1.50	4.30	6.05	7.80
Fergus.....	41	Ø	1.1	1.1	50	4.0	1.5	w0.7	1.1	2.00	4.50	6.07	7.65
Finch.....	42	1.5	..	..	50	3.0	1.5	0.8	1.2	1.95	4.05	5.85	7.65
Flesherton.....	40	Ø	..	..	50	2.0	1.1	0.6	1.1	1.11	2.88	4.23	5.58
Fonthill.....	41	Ø	1.1	1.1	50	3.4	1.2	w0.8	1.1	1.70	3.69	5.49	7.29
Forest.....	41	□	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Fort William.....	31	1.2	▲	1.11	60	2.0	..	..	0.8	0.83	2.45	4.25	6.05
Frankford.....	36	□	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Galt.....N 5%	35	□	1.0	1.0	50	3.6	1.3	..	1.0	1.80	4.40	6.90	9.40
		Small Commercial			50	3.6	1.5	..	1.1	1.80	4.80	7.55	10.30
Georgetown.....	39	□/1.2	..	..	50	3.2	1.5	w0.7	1.1	2.00	4.14	5.71	7.29
Glen Williams.....	39	□/1.2	..	..	50	3.2	1.6	w0.8	1.1	2.00	4.32	6.12	7.92
†Geraldton.....	45	Ø	3.4	1.2	50	4.0	2.0	w0.9	1.2	2.22	5.40	7.42	9.45
Glencoe.....	45	1.1	..	..	50	2.4	1.2	0.7	1.0	1.11	3.24	4.81	6.39
§§Gloucester Twp.N10%	38	Ø	4.0	1.0	50	4.0	1.7	w0.7	1.0	2.00	5.40	7.15	8.90
Goderich.....N 5%	40	□	1.0	1.0	50	3.0	1.2	0.7	1.0	1.50	3.90	5.65	7.40
		Small Commercial			50	2.7	1.4	0.7	1.1	1.50	4.15	5.90	7.65
†Gogama.....	45	1.5	..	..	50	7.0	3.5	..	1.6	2.78	9.45	13.05	16.65
Grand Bend.....	42	1.35	..	..	50	4.0	2.0	..	1.4	2.50	5.40	8.55	11.70
Grand Valley...N 10%	..	□	..	..	50	2.8	1.1	w0.7	1.0	1.40	3.60	5.35	7.10
Granton.....	50	..	..	..	60	3.9	..	..	1.4	1.11	4.50	7.65	10.80
Gravenhurst.....	40	1.2	..	..	50	2.8	1.1	w0.7	1.0	1.67	3.24	4.81	6.39
Grimsbey.....	43	1.1	1.1	1.1	50	3.2	1.6	w0.8	1.0	1.39	4.32	6.12	7.92
§§Guelph.....	35	□	1.1	1.1	50	3.6	1.8	1.0	1.1	1.67	4.86	7.11	9.36
Hagersville.....	41	□	..	..	60	2.8	..	..	1.1	0.83	3.39	5.87	8.34
†Haileybury.....	42	Ø	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
†Hamilton.....	40	□	1.1	1.1	60	2.8	..	..	1.1	0.83	3.58	6.19	8.81
Hanover.....	38	1.1	..	..	60	2.2	..	..	1.0	0.83	2.90	5.15	7.40
Harriston.....	39	□	1.1	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
Harrow.....	38	□	1.1	1.1	50	3.0	1.5	0.9	1.2	0.83	4.05	6.07	8.10
Hastings.....	41	Ø	..	..	50	4.0	1.3	w0.7	1.1	2.22	4.14	5.71	7.29
Havelock.....	40	□	..	..	50	2.8	1.3	w0.8	1.1	1.40	3.60	5.40	7.20
Hawkesbury.....	36	□	1.1	1.1	50	3.0	1.5	w0.7	1.1	1.70	4.05	5.62	7.20
Hearst.....	45	Ø	1.1	1.1	50	4.6	1.5	w0.7	1.1	2.78	4.77	6.34	7.92
Hensall.....	45	1.2	..	..	60	3.2	..	..	1.0	0.83	3.44	5.69	7.94
†Hepworth.....	45	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
Hespeler.....	35	□	1.1	1.1	60	3.2	..	..	1.1	0.83	3.61	6.08	8.56
Highgate.....	45	1.2	..	..	60	3.2	..	..	0.9	0.83	3.27	5.29	7.32
Holstein.....	41	1.1	..	..	60	3.0	..	..	1.0	1.11	3.33	5.58	7.83

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

For explanatory notes and water-heating schedules see pages 222 and 223.

‡Prompt payment discount 5%.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kw	Space Heating per Kw (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand		
		Energy Rate per Kw for Use of Each Kw of Demand													
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		Hours' Use 50 100	First Block	Second Block	All Addi- tional Hours	200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$	
1.2	1.35	¢2.0	0.7	0.45	3.20	3.65	1.00	..	1.2	..	0.5	0.30	2.70	3.00	
...	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	...	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.2	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
1.35	1.35	y2.0	...	1.2	...	...	1.20	1.5	...	1.0	..	0.50	2.95	3.45
1.3	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	¢1.6	0.8	0.5	2.61	3.06	1.00	..	1.0	..	0.5	0.33	2.25	2.55	
1.3	1.5	2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
1.1	...	¢2.2	0.8	0.5	3.15	3.60	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
0.8	...	1.9	...	0.4	2.52	2.88	1.00	1.4	..	0.9	..	0.33	2.23	2.53	
1.1	...	¢1.8	0.8	0.5	2.79	3.24	1.00	..	1.1	..	0.5	0.33	2.34	2.64	
1.1	1.35	2.0	0.7	0.45	3.20	3.65	1.00	..	1.3	..	0.5	0.40	2.80	3.20	
...	...	...	...	...	...	...	x1.90	..	...	..	...	0.40	2.70	3.10
1.1	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
...	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.2	1.5	¢3.7	0.8	0.5	4.50	4.95	1.00	..	2.8	..	0.5	0.33	3.87	4.17	
...	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.35	1.35	¢2.0	0.7	0.45	3.20	3.65	1.00	..	1.4	..	0.5	0.30	2.90	3.20	
1.2	1.35	1.9	0.7	0.45	3.10	3.55	1.00	..	1.5	..	0.5	0.35	3.00	3.35	
1.6	1.5	5.8	0.8	0.5	6.39	6.84	1.00	..	5.1	..	0.5	0.33	5.94	6.24	
1.4	1.5	¢3.8	0.8	0.5	4.59	5.04	1.00	..	2.8	..	0.5	0.33	3.87	4.17	
...	...	¢2.2	0.7	0.45	3.40	3.85	1.00	..	1.4	..	0.5	0.30	2.90	3.20	
...	...	3.4	...	1.3	4.68	5.85	1.35	2.6	..	1.7	..	0.33	3.45	3.74	
1.0	1.5	¢1.9	0.8	0.5	2.88	3.33	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
1.0	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
...	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.1	...	2.3	...	0.9	3.33	4.14	1.20	1.7	..	1.2	..	0.30	2.65	2.92	
1.1	1.5	¢3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	...	2.0	0.8	0.5	3.14	3.61	1.00	..	1.3	..	0.5	0.35	2.66	2.99	
...	1.5	1.7	...	1.0	2.88	3.78	1.00	1.5	..	0.9	..	0.30	2.25	2.52	
1.2	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
1.2	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.1	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.2	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.2	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.2	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	2.7	...	0.9	3.69	4.50	1.20	2.1	..	1.4	..	0.30	2.92	3.19	
1.5	1.5	¢3.2	0.8	0.5	4.05	4.50	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	...	2.6	...	0.9	3.60	4.41	1.20	1.6	..	1.0	..	0.33	2.55	2.84	
...	...	2.8	...	0.7	3.60	4.23	1.35	2.6	..	1.7	..	0.33	3.45	3.74	
...	...	2.5	...	0.8	3.42	4.14	1.35	3.5	..	2.3	..	0.33	4.12	4.42	

xAvailable to customers with loads over 500 kw.

yApplicable to first 200 kwh.

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
†Hornepayne	60	⊗	6.6	1.33	50	6.6	2.3	w1.0	1.33	3.33	7.11	9.36	11.61
†Hudson	45	⊗	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
Huntsville.....N 10%	40	□	..	..	50	2.8	1.1	w0.7	1.0	1.40	3.60	5.35	7.10
Ingersoll.....N 5%	40	□	1.0	1.0	50	4.0	1.3	w0.6	1.0	2.00	4.60	6.10	7.60
Iroquois.....	40	□/1.2	..	..	50	2.8	1.4	w0.7	1.1	1.67	3.78	5.35	6.93
Jarvis.....	45	1.1	..	..	50	3.2	1.6	0.9	1.3	0.83	4.32	6.34	8.37
†Jellicoe.....	45	⊗	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
Kapuskasing.....	35	□	..	..	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
†Kearns Townsite.....	45	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Kemptville.....	43	⊗	1.1	1.1	50	4.0	1.5	w0.8	1.1	2.00	4.50	6.30	8.10
Kenora.....	*	..	..	..	50	3.0	1.5	0.8	1.2	1.00	4.05	5.85	7.65
Keewatin.....	*	..	..	..	50	4.0	1.5	0.8	1.2	1.00	4.50	6.30	8.10
Killaloe Station.....	42	⊗	4.0	1.1	50	4.2	2.1	w0.8	1.1	2.22	5.67	7.47	9.27
Kincardine.....N 10%	43	⊗	..	..	50	2.8	1.1	w0.6	1.0	1.40	3.60	5.10	6.60
King City.....N 10%	42	⊗	3.0	1.0	50	3.6	1.7	w0.7	1.0	1.80	5.20	6.95	8.70
†King Kirkland.....	42	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Kingston.....	38	x□	..	..	50	2.2	1.1	..	1.0	1.11	2.97	5.22	7.47
Kingsville.....	40	..	1.1	1.1	50	2.4	1.2	0.7	1.0	0.83	3.24	4.81	6.39
Kirkfield.....	40	⊗	..	..	50	3.2	1.6	1.0	1.1	1.67	4.32	6.57	8.82
†Kirkland Lake.....	42	⊗	2.0	1.1	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
† Swastika.....	42	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Kitchener.....	..	⊗	1.1	1.1	50	3.6	1.2	0.7	1.1	1.80	3.78	5.35	6.93
Lakefield.....N 10%	38	⊗	1.0	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
Lambeth.....	43	1.1	1.1	1.1	50	3.5	1.7	w0.8	1.3	1.75	4.63	6.43	8.23
Lanark.....	39	1.1	..	..	50	2.2	1.1	0.7	1.0	0.83	2.97	4.54	6.12
Lancaster.....	40	..	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19
Larder Lake Twp.....	43	1.2	..	..	60	3.5	..	..	1.1	1.11	3.77	6.25	8.72
Latchford.....	43	⊗	1.1	1.1	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65
Leamington.....	41	□	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Lindsay.....	41	□	1.1	1.1	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Listowel.....	41	⊗	1.1	1.1	50	2.8	1.4	0.8	1.1	2.00	3.78	5.58	7.38
London.....N 5%	38	⊗	1.0	1.0	50	5.0	1.5	..	1.0	2.50	5.50	8.00	10.50
L'Orignal.....	40	□	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19
Lucan.....N 5%	40	⊗	2.0	1.0	50	4.0	1.5	w0.7	1.0	2.00	5.00	6.75	8.50
Lucknow.....	45	1.1	..	..	55	2.7	..	..	1.0	1.39	3.10	5.35	7.60
Lynden.....	43	⊗	1.1	1.1	50	3.0	1.2	w0.7	1.1	1.50	3.51	5.03	6.66
Madoc.....	40	1.2	1.1	1.1	50	2.4	1.2	0.7	1.0	0.83	3.24	4.81	6.39
Magnetawan.....	45	⊗	4.2	1.2	50	4.2	2.1	w0.9	1.2	2.22	5.67	7.69	9.72
Markdale.....	45	1.1	..	..	60	2.5	..	..	1.0	1.11	3.06	5.31	7.56
Markham.....	44	1.2	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19
Marmora.....	43	□	..	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Martintown.....	38	1.5	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

xHouse heating through the regular residential meter but with all consumption over 1250 kwh billed at 1.1¢ gross per kwh.

•Applicable to flat-rate water heaters of 750w and above, for flat-rate water heaters under 750w apply schedule 43.

For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw	Space Heating per Kw (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kw for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1.5	1.5	°6.0	0.8	0.5	6.57	7.02	1.00	4.3	0.5	0.33	5.22	5.52		
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	3.3	0.5	0.33	4.32	4.62		
1.1	1.35	°1.9	0.7	0.4	3.10	3.50	1.00	1.0	0.5	0.30	2.50	2.80		
41.35	41.35	G.R.						G.R.						
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	1.5	0.5	0.33	2.70	3.00		
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	2.3	0.5	0.33	3.42	3.72		
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	3.3	0.5	0.33	4.32	4.62		
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	2.0	0.5	0.33	3.15	3.45		
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	2.4	0.5	0.33	3.51	3.81		
...	...	°2.7	0.8	0.5	3.60	4.05	1.00	2.0	0.5	0.33	3.15	3.45		
...	...	°3.8	0.8	0.5	4.59	5.04	1.35	2.2	0.5	0.33	3.64	3.94		
...	...	°4.8	0.8	0.5	5.49	5.94	1.35	2.2	0.5	0.33	3.64	3.94		
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	2.0	0.5	0.33	3.15	3.45		
1.2	1.35	°2.4	0.7	0.45	3.60	4.05	1.00	1.8	0.5	0.30	3.30	3.60		
1.1	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	1.7	0.5	0.30	3.20	3.50		
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	2.4	0.5	0.33	3.51	3.81		
...	1.5	2.2	0.8	0.5	3.15	3.60	1.00	1.2	0.5	0.33	2.43	2.73		
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	1.7	0.5	0.33	2.88	3.18		
1.2	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	2.0	0.5	0.33	3.15	3.45		
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	2.4	0.5	0.33	3.51	3.81		
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	2.4	0.5	0.33	3.51	3.81		
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	1.7	0.5	0.33	2.88	3.18		
1.2	1.35	°2.7	0.7	0.45	3.90	4.35	1.00	1.6	0.5	0.30	3.10	3.40		
...	...	°3.1	0.8	0.5	3.96	4.41	1.00	2.6	0.5	0.33	3.69	3.99		
...	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	1.4	0.5	0.33	2.61	2.91		
...	...	°2.8	0.8	0.5	3.69	4.14	1.00	2.3	0.5	0.33	3.42	3.72		
...	...	3.0	...	1.0	4.05	4.95	1.35	3.1	2.0	0.33	3.81	4.10		
...	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	1.7	0.5	0.33	2.88	3.18		
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	2.0	0.5	0.33	3.15	3.45		
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	1.5	0.5	0.33	2.70	3.00		
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	1.8	0.5	0.33	2.97	3.27		
1.35	1.35	G.R.						G.R.						
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	1.7	0.5	0.33	2.88	3.18		
1.2	1.35	°2.4	0.8	0.45	3.70	4.15	1.00	2.0	0.5	0.35	3.50	3.85		
...	1.5	2.2	...	0.8	3.15	3.87	1.35	2.8	1.8	0.33	3.58	3.88		
1.2	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	1.6	0.5	0.33	2.79	3.09		
1.0	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	1.8	0.5	0.33	2.97	3.27		
1.5	1.5	°3.7	0.8	0.5	4.50	4.95	1.00	2.8	0.5	0.33	3.87	4.17		
...	...	2.0	...	1.0	3.15	4.05	1.20	1.9	1.3	0.30	2.79	3.06		
1.2	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	1.8	0.5	0.33	2.97	3.27		
1.1	...	°2.6	0.8	0.5	3.51	3.96	1.00	2.0	0.5	0.33	3.15	3.45		
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	1.7	0.5	0.33	2.88	3.18		

*FRWH Monthly Rates

Up to 400 W—\$1.90, 401 to 500 W—\$2.10, 501 to 600 W—\$2.35, 601 to 800 W—\$2.80, 801 to 1,000 W—\$3.25
Each heater in excess of 1,000 W—\$3.25 per month per 1,000 W.

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Massey.....N 5%	45	Ø	3.0	1.0	50	4.0	1.8	w0.7	1.0	2.00	5.60	7.35	9.10
†Matachewan.....	45	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
†Matheson.....	45	1.22	..	..	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
†Mattawa.....	45	1.22	..	..	50	5.2	2.6	w0.8	1.1	1.67	7.02	8.82	10.62
Maxville.....	46	□	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
McGarry Twp.....	40	1.2	..	..	60	3.5	..	..	1.1	1.11	3.77	6.25	8.72
Meaford.....N 5%	42	Ø	..	..	50	3.0	1.1	w0.7	1.0	2.00	3.70	5.45	7.20
Merlin.....	44	1.2	..	..	60	3.1	..	..	1.0	0.83	3.38	5.63	7.88
Merrickville.....	41	□	1.1	1.1	50	3.2	1.6	w0.8	1.1	1.60	4.32	6.12	7.92
Midland.....N 5%	39	Ø	..	..	50	2.4	1.0	w0.6	1.0	1.50	3.20	4.70	6.20
Mildmay.....	40	1.1	..	..	50	3.2	1.4	w0.8	1.1	1.67	3.96	5.76	7.56
Millbrook.....	43	□	..	..	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00
Milton.....N 10%	43	1.0	1.0	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Milverton.....	43	1.2	..	..	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
Mitchell.....N 5%	40	□	..	..	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25
Moorefield.....	43	1.1	1.1	1.1	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Morrisburg.....	40	Ø	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Mount Brydges.....	41	Ø	1.1	1.1	50	3.4	1.6	w0.8	1.1	2.00	4.41	6.21	8.01
Mount Forest...N 10%	..	Ø	..	..	50	2.3	1.2	w0.7	1.0	1.15	3.55	5.30	7.05
Napanee.....	38	□	..	..	50	2.6	1.3	0.8	1.1	0.83	3.51	5.31	7.11
§§Nepean Twp.....	38	Ø	2.0	1.1	50	4.5	2.0	w0.7	1.1	2.30	5.62	7.20	8.77
Neustadt.....N 10%	37	Ø	..	..	50	2.4	1.0	w0.6	1.0	1.20	3.20	4.70	6.20
Newboro.....N 5%	..	□	..	..	50	4.0	1.5	w0.7	1.0	2.25	5.00	6.75	8.50
Newburgh.....	40	Ø	1.2	1.2	60	4.3	..	..	1.2	1.39	4.37	7.07	9.77
Newbury.....	45	1.5	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Newcastle.....	42	1.2	1.1	1.1	50	2.8	1.4	..	1.0	1.67	3.78	6.03	8.28
New Hamburg.....	39	..	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
†New Liskeard.....	42	Ø	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Newmarket.....	38	1.2	1.1	1.1	50	2.8	1.4	w0.8	1.1	1.40	3.78	5.58	7.38
Niagara.....	42	1.1	1.1	1.1	50	3.2	1.5	w0.8	1.1	1.75	4.14	5.94	7.74
Niagara Falls...N 5%	{ Small Commercial	44	□	..	50	3.8	1.4	x0.7	0.99	1.90	4.70	6.45	8.20
		50	3.8	1.4	..	1.0	2.50	4.70	7.20	9.70			
Nipigon Twp...N 5%	44	□	1.0	1.0	50	3.6	1.2	w0.7	1.0	2.00	4.20	5.95	7.70
North Bay.....	42	□	..	..	60	2.5	..	..	1.2	1.11	3.40	6.10	8.80
North York.....	37	Ø	1.1	1.1	50	3.4	1.6	..	1.1	1.67	4.41	6.88	9.36
Norwich.....N 10%	38	Ø	1.0	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Norwood.....	42	□	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
(F)Oakville.....N 5%	42	Ø	4.5	1.0	50	4.5	1.9	w0.8	1.0	2.25	6.05	8.05	10.05
Oil Springs.....	45	□	..	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Omeme.....	45	□	..	..	50	3.4	1.7	w0.9	1.1	2.22	4.59	6.61	8.64
Orangeville.....	43	1.1	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

xDenotes the next 1000 kwh.

(F)Farm customers—Apply General Rate

For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand						Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand													
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours	200 Hours	300 Hours			
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$	
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.1	1.5	°5.2	0.8	0.5	5.85	6.30	1.00	..	3.2	..	0.5	0.33	4.23	4.53	
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.3	...	3.0	...	1.0	4.05	4.95	1.35	3.1	..	2.0	..	0.33	3.81	4.10	
1.2	1.35	2.1	0.7	0.45	3.30	3.75	1.00	..	1.6	..	0.5	0.30	3.10	3.40	
...	...	2.6	...	0.7	3.42	4.05	1.35	2.8	..	1.8	..	0.33	3.58	3.88	
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
...	1.35	°1.6	0.7	0.45	2.80	3.25	1.00	..	0.9	..	0.5	0.30	2.40	2.70	
1.3	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
...	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
1.2	1.35	°2.1	0.7	0.4	3.30	3.70	1.00	..	1.6	..	0.5	0.30	3.10	3.40	
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
			G.R.												
...	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
1.1	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	..	1.5	..	0.5	0.30	3.00	3.30	
1.1	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.3	..	0.5	0.33	2.52	2.82	
1.3	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.35	°1.7	0.7	0.45	2.90	3.35	1.00	..	1.0	..	0.5	0.30	2.50	2.80	
			G.R.												
1.2	...	3.8	...	1.2	4.95	6.03	1.35	2.5	..	1.6	..	0.33	3.36	3.65	
...	...	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.0	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.1	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.4	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
1.1	S	2.1	0.7	0.5	3.30	3.80	1.00	..	1.5	..	0.5	0.33	3.00	3.33	
			G.R.												
1.2	1.5	2.0	...	0.9	3.06	3.87	1.20	2.1	..	1.4	..	0.30	2.92	3.19	
1.2	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.1	1.35	°2.7	0.7	0.45	3.90	4.35	1.00	..	2.0	..	0.5	0.30	3.50	3.80	
1.1	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.35	1.35		G.R.												
...	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
...	1.5	°3.2	0.8	0.5	4.05	4.50	1.00	..	2.8	..	0.5	0.33	3.87	4.17	
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.4	..	0.5	0.33	2.61	2.91	

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Orillia.....	36	1.33	1.1	1.1	60	2.3	..	..	0.9	1.67	2.78	4.81	6.83
Orono.....N 5%	40	..	3.0	1.0	50	4.0	1.6	w0.8	1.0	2.00	5.20	7.20	9.20
Oshawa.....N 5%	34	Ø	1.0	1.0	50	4.0	1.2	w0.8	1.0	2.00	4.40	6.40	8.40
†Ottawa.....	32	+2.0	..	..	a) 60†	2.0	..	..	‡0.5	0.83	2.95	4.14	5.33
					60	1.0							
Otterville.....	44	□	..	..	50	3.4	1.4	w0.8	1.1	1.50	4.05	5.85	7.65
Owen Sound.....	37	1.1	1.1	1.1	60	2.4	..	..	1.1	1.11	3.18	5.65	8.13
Paisley.....	43	1.1	..	..	60	3.5	..	..	1.0	1.39	3.60	5.85	8.10
Palmerston.....	43	Ø	1.1	1.1	50	3.0	1.5	w0.8	1.1	2.22	4.05	5.85	7.65
Paris.....	42	1.2	..	..	60	2.8	..	..	1.3	0.83	3.73	6.66	9.58
Parkhill.....	44	1.2	..	..	50	3.2	1.6	0.9	1.3	1.11	4.32	6.34	8.37
Parry Sound.....	42	Ø	1.1	1.1	50	3.4	1.7	..	1.1	1.67	4.59	7.06	9.54
Pembroke.....N 5%	38	Ø	..	..	50	2.8	1.5	..	1.2	1.50	4.40	7.40	10.40
Penetanguishene N 5%	40	Ø	..	..	50	3.0	1.1	w0.6	1.0	1.50	3.70	5.20	6.70
Perth.....	37	1.1	..	..	50	2.8	1.4	..	1.0	1.67	3.78	6.03	8.28
Peterborough.....	36	□	1.1	1.1	50	4.7	..	..	1.1	2.35	4.09	6.57	9.04
Petrolia.....	45	□	..	..	50	3.2	1.6	1.0	1.1	0.83	4.32	6.57	8.82
Pickering.....	37	□	3.0	1.1	50	3.8	1.9	w0.8	1.1	1.90	5.13	6.93	8.73
†Pickle Lake Landing..	45	Ø	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
Picton.....	41	□	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Plantagenet.....	43	□	..	..	50	4.8	2.4	w0.8	1.1	2.40	6.48	8.28	10.08
Plattsville.....N 5%	42	□	..	..	50	2.7	1.1	w0.7	1.0	1.50	3.55	5.30	7.05
Point Edward.....	38	Ø	1.1	1.1	50	3.0	1.5	0.9	1.1	1.67	4.05	6.07	8.10
Port Arthur.....	38	1.2	▲	1.1	50	4.0	1.2	w0.6	0.9	2.00	3.96	5.31	6.66
Port Burwell.....	45	Ø	1.2	1.2	50	4.4	2.2	w0.8	1.2	2.78	5.94	7.74	9.54
†Port Carling.....	41	1.22	..	..	50	4.4	2.2	w0.8	1.2	3.33	5.94	7.74	9.54
Port Colborne.....	41	□	1.1	1.1	60	2.8	1.2	w0.8	1.2	0.83	3.56	5.40	7.20
Port Credit.....	38	■	z1.1	z1.1	50	3.0	1.4	w0.7	1.1	1.50	3.87	5.44	7.02
Port Dover.....	49	Ø	1.1	1.1	50	2.8	1.4	w0.8	1.1	2.22	3.78	5.58	7.38
Port Elgin.....	44	□	1.2	1.2	50	3.2	1.6	0.9	1.3	2.00	4.32	6.34	8.37
Port Hope.....	40	□	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
Port McNicoll..N 5%	39	Ø	..	..	50	2.3	1.0	w0.6	1.0	1.65	3.15	4.65	6.15
Port Perry.....	45	Ø	..	..	50	3.4	1.4	w0.7	1.1	1.70	4.05	5.62	7.20
Port Rowan.....	50	1.2	..	..	50	3.0	1.4	w0.8	1.1	2.22	3.87	5.67	7.47
Port Stanley.....	45	Ø	..	..	50	3.2	1.6	1.0	1.1	2.22	4.32	6.57	8.82
†Powassan.....	42	1.22	..	..	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
Prescott.....	37	1.1	1.1	1.1	50	2.4	1.2	w0.6	1.0	1.67	3.24	4.59	5.94
Preston.....	35	□	1.1	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
Priceville.....	47	□	..	..	50	4.0	2.0	..	1.2	2.00	5.40	8.10	10.80
Princeton.....N 5%	45	□	..	..	50	2.2	1.1	w0.7	1.0	1.50	3.30	5.05	6.80
Queenston.....	40	1.1	..	..	50	2.6	1.3	..	0.8	0.83	3.51	5.31	7.11

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

‡Prompt-payment discount 5% (Incl. Eastview & Rockcliffe Park).

+Residential electric heating 2.0¢ gross per kwh for all monthly consumption over 1500 kwh, where total load is on one meter, applicable to customers so designated by the utility.

■Energy supplied through residential service meter at standard rates, or energy metered separately at rate of 1.2¢ per kwh. For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
...	1.5	1.8	...	0.8	2.79	3.51	1.00	1.4	..	0.9	..	0.30	2.20	2.47
1.2	1.35	°2.6	0.7	0.45	3.80	4.25	1.00	..	2.1	..	0.5	0.30	3.60	3.90
...	...	2.0	0.8	0.5	3.14	3.61	1.00	..	1.4	..	0.5	0.33	2.76	3.07
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
...	...	°2.0	0.8	0.5	2.97	3.42	1.00	1.5	..	1.1	..	0.30	2.34	2.61
...	1.5	3.0	...	1.0	4.05	4.95	1.35	2.6	..	1.7	..	0.33	3.45	3.74
1.2	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	...	1.7	..	0.5	0.33	2.88	3.18
...	1.5	2.3	...	0.8	3.24	3.96	1.00	1.5	..	1.1	..	0.30	2.34	2.61
1.3	...	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.5	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.1	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.2	..	0.5	0.33	2.43	2.73
...	1.5	3.2	0.8	0.5	4.05	4.50	1.00	..	2.7	..	0.5	0.33	3.78	4.08
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	..	3.3	..	0.5	0.33	4.32	4.62
...	1.5	2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.2	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	..	3.0	..	0.5	0.33	4.05	4.35
...	...	G.R.	0.8	0.5	3.60	4.05	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.3	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.5	°3.4	0.8	0.5	4.23	4.68	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.6	1.5	4.2	0.8	0.5	4.95	5.40	1.00	..	2.7	..	0.5	0.33	3.78	4.08
1.2	1.5	2.5	...	1.1	3.69	4.68	1.20	1.9	..	1.3	..	0.30	2.79	3.06
1.4	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.1	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.2	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.35	°1.9	0.7	0.45	3.10	3.55	1.00	..	1.4	..	0.5	0.30	2.90	3.20
1.1	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.1	1.5	°3.4	0.8	0.5	4.23	4.68	1.00	..	2.7	..	0.5	0.33	3.78	4.08
1.1	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.2	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.5	..	0.5	0.33	2.70	3.00
...	...	3.8	0.8	0.5	4.59	5.04	1.00	..	2.9	..	0.5	0.33	3.96	4.26
...	...	G.R.	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	...	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Rainy River.....	48	Ø	5.0	1.1	50	5.0	2.1	w0.7	1.1	2.50	6.03	7.60	9.18
†Red Lake Twp.....	45	Ø	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
Red Rock.....N 5%	38	..	..	..	50	3.6	1.2	w0.6	1.0	2.00	4.20	5.70	7.20
Renfrew.....	36	1.1	..	..	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
Richmond.....	35	1.2	1.1	1.1	50	3.0	1.3	w0.7	1.1	1.50	3.69	5.26	6.84
Richmond Hill.N 10%	37	Ø	1.0	1.0	50	3.4	1.2	w0.7	1.0	1.70	4.10	5.85	7.60
Ridgetown....N 5%	40	Ø	1.0	1.0	50	3.0	1.4	w0.7	1.0	1.50	4.30	6.05	7.80
Ripley.....	43	□	..	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Rockland.....	40	Ø	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Rockwood.....	45	Ø	1.1	1.1	50	4.0	1.4	w0.7	1.1	2.00	4.32	5.89	7.47
Rodney.....	45	..	1.1	1.1	50	3.2	1.6	w0.8	1.2	1.60	4.32	6.12	7.92
Rosseau.....	43	□	..	..	50	5.0	1.2	..	1.1	2.50	4.41	6.88	9.36
Russell.....	38	□	..	..	50	2.6	1.3	w0.8	1.1	1.33	3.51	5.31	7.11
St. Catharines...N 5%	47	Ø	1.0	1.0	50	4.0	1.3	w0.7	1.0	2.00	4.60	6.35	8.10
St. Clair Beach.....	42	□	1.1	1.1	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
St. George....N 5%	44	□	z1.0	z1.0	50	2.5	1.1	w0.7	1.0	1.50	3.45	5.20	6.95
St. Jacobs.....	42	Ø	1.1	1.1	60	3.0	..	..	1.1	0.83	3.50	5.98	8.45
St. Mary's.....	43	*39	1.1	..	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
St. Thomas....N 10%	40	□	1.0	1.0	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25
Sandwich West Twp...	41	1.1	1.1	1.1	50	4.0	1.9	..	1.0	1.67	5.22	7.47	9.72
Sarnia.....N 5%	38	□	..	..	50	3.4	1.2	w0.6	0.95	1.70	4.10	5.60	7.10
Small Commercial					50	3.6	1.5	w0.6	1.0	1.70	4.80	6.30	7.80
Scarborough.....	37	1.2	1.1	1.1	50	3.0	1.5	..	1.0	2.22	4.05	6.30	8.55
Schreiber Twp.....	37	1.2	1.11	1.11	50	3.0	1.1	w0.7	1.0	2.00	3.33	4.90	6.48
Seaforth.....N 5%	36	□	2.0	1.0	50	4.0	1.4	0.7	1.0	2.00	4.80	6.55	8.30
Shelburne.....	43	□	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Simcoe.....	41	1.1	1.1	1.1	50	2.2	1.1	0.7	1.0	1.11	2.97	4.54	6.12
Sioux Lookout.....	49	□	..	..	50	4.0	1.5	w0.9	1.2	2.00	4.50	6.52	8.55
Smith's Falls.....	40	..	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
Southampton.....	45	□	..	..	50	3.2	..	..	1.1	1.11	3.42	5.89	8.37
South Grimsby Twp.....N 5%	44	□	..	..	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
†South Porcupine.....	42	1.22	..	..	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
South River.....	45	Ø	5.0	1.1	50	5.0	2.5	w0.8	1.1	2.22	6.75	8.55	10.35
Springfield.....	41	Ø	..	..	50	3.0	1.3	w0.7	1.1	2.22	3.69	5.26	6.84
Stayner.....N 10%	41	Ø	..	..	50	2.4	1.2	w0.7	1.0	1.20	3.60	5.35	7.10
Stirling.....	38	□	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Stoney Creek.....	45	Ø	1.1	1.1	50	3.6	1.6	w0.8	1.1	2.00	4.50	6.30	8.10
Stouffville.....	39	1.1	1.1	1.1	50	3.4	1.6	w0.7	1.1	1.70	4.41	5.98	7.56
Stratford.....N 5%	40	□	1.0	1.0	50	4.0	1.3	..	1.0	1.75	4.60	7.10	9.60
Strathroy.....N 5%	37	□	3.0	1.0	50	4.0	1.4	0.8	1.0	2.00	4.80	6.80	8.80
Streetsville.....	43	1.2	1.1	1.1	50	4.0	1.3	w0.7	1.1	2.00	4.14	5.71	7.29

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

*Applicable to flat-rate water-heaters of 700 watts and above.

For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kw	Space Heating per Kw (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw for Use of Each Kw of Demand						Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kw for Use of Each Kw of Demand						First Block Hours' Use 50 100			Second Block Hours' Use 50 100					All Addi- tional Hours
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		200 Hours	300 Hours						
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$	
1.3	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90	
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	..	3.3	..	0.5	0.33	4.32	4.62	
...	1.5	°1.8	0.8	0.5	2.79	3.24	1.00	..	1.2	..	0.5	0.33	2.43	2.73	
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.2	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	..	1.4	..	0.5	0.30	2.90	3.20	
...	1.35	2.1	...	0.8	3.40	4.20	1.00	..	1.9	..	0.5	0.30	3.40	3.70	
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.2	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90	
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.1	1.35	G.R.								G.R.					
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
...	...	G.R.								G.R.					
...	...	2.5	...	1.0	3.60	4.50	1.20	1.7	..	1.2	..	0.30	2.65	2.92	
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
...	1.35	°2.1	0.7	0.45	3.30	3.75	1.00	..	1.6	..	0.5	0.30	3.10	3.40	
1.0	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	...	2.5	0.7	0.45	3.70	4.15	x1.00	..	1.5	..	0.5	0.30	3.00	3.30	
1.2	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.1	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.1	...	G.R.								G.R.					
1.1	...	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
1.0	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
1.2	1.5	3.5	0.8	0.5	4.32	4.77	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
...	1.5	2.9	...	1.1	4.05	5.04	1.35	2.2	..	1.4	..	0.33	3.13	3.43	
...	...	G.R.								G.R.					
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.2	1.5	°4.5	0.8	0.5	5.22	5.67	1.00	..	3.5	..	0.5	0.33	4.50	4.80	
1.5	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.0	1.35	°1.8	0.7	0.45	3.00	3.45	1.00	..	1.3	..	0.5	0.30	2.80	3.10	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.3	..	0.5	0.33	2.52	2.82	
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.3	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.1	1.35	G.R.								G.R.					
1.1	1.35	°2.5	0.7	0.45	3.70	4.15	1.00	..	2.0	..	0.5	0.30	3.50	3.80	
1.2	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	1.7	..	0.5	0.33	2.88	3.18	

xApplicable for loads under 500 kw; Demand Charge Energy Charge

For loads of 500-5,000 kw \$1.70/kw/mo. 0.4¢/kwh

And loads over 5,000 kw \$2.05/kw/mo. 0.3¢/kwh

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

		Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢	¢	¢	¢		¢	¢	¢	¢	\$	\$	\$	\$	
Sturgeon Falls.....	40	☐	1.2	1.2	50	3.2	1.6	..	1.2	2.22	4.32	7.02	9.72	
Sudbury.....N 5%	32	1.1	1.0	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40	
Sunderland.....	40	☐	..	..	50	2.6	1.3	0.7	1.1	1.11	3.51	5.08	6.66
Sundridge.....	43	☒	..	..	50	2.8	1.4	w0.8	1.1	2.22	3.78	5.58	7.38
Sutton.....	45	☒	..	..	50	4.0	1.7	w0.7	1.1	2.00	4.86	6.43	8.01
Tara.....	41	☒	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Tavistock.....N 5%	39	☒	..	..	50	3.5	1.1	w0.6	1.0	1.75	3.95	5.45	6.95
Tecumseh.....	41	☐	1.1	1.1	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46	
Teeswater.....	42	☐	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Terrace Bay Twp.....	36	1.3	1.11	1.11	50	2.6	1.3	..	0.9	1.67	3.51	5.53	7.56	
Thamesford.....	45	☒	1.1	1.1	50	3.7	1.5	w0.8	1.1	2.00	4.36	6.16	7.96	
Thamesville.....	45	☐	..	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Thedford.....	45	☐	..	..	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Thessalon.....	48	☐	1.2	1.2	50	4.0	2.0	w0.8	1.2	2.22	5.40	7.20	9.00	
Thornbury.....N 10%	42	☒	1.0	1.0	50	3.0	1.3	w0.8	1.0	1.50	4.10	6.10	8.10	
Thorndale.....	42	1.2	..	..	50	3.2	1.6	1.0	1.4	1.11	4.32	6.57	8.82
†Thornloe.....	42	1.39	..	..	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Thornton.....N 5%	..	☒	..	..	50	3.4	1.2	w0.7	1.0	1.70	4.10	5.85	7.60
Thorold.....	40	☒	..	..	50	4.0	2.1	w0.8	1.2	2.22	5.58	7.38	9.18
Tilbury.....	45	1.2	1.1	1.1	50	3.0	1.5	0.9	1.2	0.83	4.05	6.07	8.10	
Tillsonburg.....	40	☐	1.1	1.1	50	3.0	1.5	0.8	1.1	1.67	4.05	5.85	7.65	
†Timmins.....	42	☒	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19	
† Schumacher.....	42	1.22	..	..	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
Toronto.....★	..	☐	1.1	1.1	60	2.0	..	..	1.4	0.83	3.47	6.62	9.77
Toronto Twp.....n 5%	37	☒	..	..	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30
Tottenham.....	43	☒	..	..	50	2.6	1.3	0.8	1.1	1.39	3.51	5.31	7.11
Trenton.....	34	1.1	1.1	1.1	50	2.4	1.2	0.7	1.0	1.11	3.24	4.81	6.39	
Tweed.....	37	1.1	..	..	50	2.4	1.2	w0.7	1.0	1.50	3.24	4.81	6.39
Uxbridge.....	39	1.1	..	..	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
Vankleek Hill...N 10%	37	☒	1.0	1.0	50	2.2	1.1	w0.6	1.0	1.50	3.30	4.80	6.30	
Victoria Hrbr...N 5%	43	☒	..	..	50	3.3	1.0	w0.7	1.0	1.65	3.65	5.40	7.15
Walkerton.....	38	☐	..	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Wallaceburg.....N 5%	41	☐	..	..	50	2.8	1.1	w0.7	1.0	1.50	3.60	5.35	7.10
Wardsville.....	45	1.1	..	..	60	3.6	..	..	0.9	1.11	3.48	5.51	7.53
Warkworth.....	41	..	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19	
Wasaga Beach.....	42	☐	..	..	50	3.6	1.8	..	1.1	1.67	4.86	7.33	9.81
Waterdown.....	40	☐	1.1	1.1	50	4.0	1.3	w0.8	1.1	2.00	4.14	5.94	7.74	
Waterford.....	45	☒	1.1	1.1	50	3.4	1.6	w0.8	1.1	2.22	4.41	6.21	8.01	
Waterloo.....N 5%	35	☒	1.0	1.0	50	3.6	1.3	..	1.0	2.50	4.40	6.90	9.40	
Watford.....	45	☐	..	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Waubashene...N 5%	42	☒	..	..	50	3.3	1.0	w0.7	1.0	1.65	3.65	5.40	7.15

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
1.2	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.1	1.35	2.2	0.7	0.45	3.40	3.85	1.00	..	1.5	..	0.5	0.30	3.00	3.30
1.5	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.4	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
		G.R.												
1.2	1.5	¢2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	...	¢2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.4	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.1	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	..	2.3	..	0.5	0.33	3.42	3.72
1.2	1.5	¢3.8	0.8	0.5	4.59	5.04	1.00	..	3.2	..	0.5	0.33	4.23	4.53
...	1.35	2.2	0.7	0.45	3.40	3.85	1.00	..	1.4	..	0.5	0.30	2.90	3.20
...	...	¢2.7	0.8	0.5	3.60	4.05	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	¢3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81
		G.R.												
1.3	1.5	3.3	0.8	0.5	4.14	4.59	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	...	¢2.6	0.8	0.5	3.51	3.96	1.00	..	1.9	..	0.5	0.33	3.06	3.36
...	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.5	¢3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.1	1.5	¢3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.2	1.5	b2.1	...	0.7	3.28	3.91	1.10	2.1	...	1.4	...	0.38	2.91	3.25
1.4	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.5	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54
1.0	1.5	¢1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.0	1.5	¢1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.0	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.2	1.35	¢1.5	0.7	0.45	2.70	3.15	1.00	..	1.0	..	0.5	0.30	2.50	2.80
...	1.35	¢2.8	0.7	0.45	4.00	4.45	1.00	..	2.0	..	0.5	0.30	3.50	3.80
...	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.4	..	0.5	0.33	2.61	2.91
1.0	1.35	¢1.7	0.7	0.45	2.90	3.35	1.00	..	1.3	..	0.5	0.35	2.80	3.15
...	...	3.2	...	0.8	4.05	4.77	1.35	2.8	...	1.8	...	0.33	3.58	3.88
1.1	...	¢2.4	0.8	0.5	3.33	3.78	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	...	¢3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.1	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.1	1.5	¢2.9	0.8	0.5	3.78	4.23	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.2	1.35	2.3	0.7	0.45	3.50	3.95	1.00	..	1.8	..	0.5	0.30	3.30	3.60
1.1	...	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.35	¢2.7	0.7	0.45	3.90	4.35	1.00	..	2.2	..	0.5	0.30	3.70	4.00

G.R.—General rate in effect. For schedule see pages 224 and 225.

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

		RESIDENTIAL SERVICE												
		Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
		¢	¢	¢	¢		¢	¢	¢	¢	\$	\$	\$	\$
Webbwood N 5%	.. 43	□	3.0	1.0	50	4.5	2.0	w0.7	1.0	2.25	6.25	8.00	9.75	
Welland . . . . .	.. 41	1.1	1.1	1.1	50	3.2	1.6	w0.8	0.9	1.67	4.32	6.12	7.92	
Wellesley . . . . .	.. 42	□	1.1	1.1	50	4.0	1.4	w0.8	1.1	2.00	4.32	6.12	7.92	
Wellington N 5%	.. 41	□	..	..	50	2.7	1.1	w0.7	1.0	1.50	3.55	5.30	7.05	
West Ferris Twp. . . . .	.. 37	□	1.1	1.1	50	3.6	1.8	..	1.2	2.22	4.86	7.56	10.26	
West Lorne . . . . .	.. 43	..	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.11	4.05	5.85	7.65	
Westport . . . . .	.. 38	1.2	1.1	1.1	50	2.7	1.3	w0.7	1.0	1.50	3.55	5.13	6.70	
Wheatley N 5%	.. 45	□	..	..	50	4.0	1.2	w0.7	1.0	2.00	4.40	6.15	7.90	
Whitby . . . . .	.. 36	1.2	1.1	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65	
†White River . . . . .	.. 60	∅	..	..	50	7.5	3.6	w1.0	1.33	3.75	9.85	12.10	14.35	
Warton . . . . .	.. 43	∅	..	..	50	2.8	1.4	w0.7	1.1	1.11	3.78	5.35	6.93	
Widdifield Twp. N 10%	.. 42	∅	1.0	1.0	50	4.0	1.7	w0.7	1.0	2.00	5.40	7.15	8.90	
Williamsburg . . . . .	.. 45	□	..	..	50	2.6	1.3	w0.8	1.1	1.30	3.51	5.31	7.11	
Winchester . . . . .	.. 41	∅	..	..	50	2.6	1.3	w0.8	1.1	1.39	3.51	5.31	7.11	
Windermere	45 ..	□	..	..	50	3.2	1.6	1.0	1.4	1.67	4.32	6.57	8.82	
Windsor N 5%	.. *38	□	..	..	50	4.5	1.4	0.7	1.0	2.25	5.05	6.80	8.55	
Wingham . . . . .	.. 43	□	..	..	50	2.4	1.2	0.7	1.1	1.11	3.24	4.81	6.39	
Woodbridge . . . . .	.. 42	1.2	..	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38	
Woodstock N 5%	.. **	∅	1.0	1.0	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85	
Woodville N 5%	.. 42	∅	..	..	50	3.2	1.1	w0.6	1.0	1.60	3.80	5.30	6.80	
Wyoming . . . . .	.. 45	∅	..	..	50	2.6	1.3	0.7	1.1	0.83	3.51	5.08	6.66	
York . . . . .	.. 37	1.2	1.1	1.1	50	2.6	1.3	0.8	1.1	1.67	3.51	5.31	7.11	
Zurich . . . . .	.. 45	□	1.2	1.2	60	3.7	..	..	1.2	0.83	4.05	6.75	9.45	

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

*Applicable to general-rate customers only.

**Schedule No. 33 applicable to flat-rate water-heaters 1000 W and above—for flat-rate water-heaters below 1000 W apply Schedule No. 36.

For explanatory notes and water-heating schedules, see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw/h	Space Heating per Kw/h (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw/h for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kw/h for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block		Second Block		All Addi- tional Hours	200 Hours	300 Hours
							Hours' Use 50 100	Hours' Use 50 100						
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	\$	\$	
1.0	1.5	°2.7	G.R. 0.8	0.5	3.60	4.05	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.5	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
			G.R.											
1.2	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.0	..	0.5	0.33	3.15	3.45
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
			G.R.											
1.2	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.6	1.5	°5.8	0.8	0.5	6.39	6.84	1.00	..	5.1	..	0.5	0.33	5.94	6.24
...	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.2	1.35	°2.6	0.7	0.45	3.80	4.25	1.00	..	2.1	..	0.5	0.30	3.60	3.90
...	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	2.4	..	0.5	0.33	3.51	3.81
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
			G.R.											
1.2	1.35		G.R.											
...	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.1	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.35	°2.1	0.7	0.45	3.30	3.75	1.00	..	1.3	..	0.5	0.30	2.80	3.10
			G.R.											
...	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.5	..	0.5	0.33	2.70	3.00
...	1.5	3.4	...	0.9	4.32	5.13	1.35	3.1	..	2.0	..	0.33	3.81	4.10

G.R.—General rate in effect. For schedule see pages 224 and 225.

Municipal Electrical
NET MONTHLY BILLS FOR FLAT RATE WATER

Also applicable to utilities using gross rate schedules providing

Element rating	SCHEDULE																
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
watts	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
400	.90	.94	.97	1.01	1.04	1.08	1.12	1.15	1.19	1.22	1.26	1.30	1.33	1.37	1.40	1.44	1.48
450	1.01	1.05	1.09	1.13	1.17	1.22	1.26	1.30	1.34	1.38	1.42	1.46	1.50	1.54	1.58	1.62	1.66
500	1.13	1.17	1.22	1.26	1.31	1.35	1.40	1.44	1.49	1.53	1.58	1.62	1.67	1.71	1.76	1.80	1.85
550	1.24	1.29	1.34	1.39	1.44	1.49	1.53	1.58	1.63	1.68	1.73	1.78	1.83	1.88	1.93	1.98	2.03
600	1.35	1.40	1.46	1.51	1.57	1.62	1.67	1.73	1.78	1.84	1.89	1.94	2.00	2.05	2.11	2.16	2.21
650	1.43	1.49	1.54	1.60	1.66	1.72	1.77	1.83	1.89	1.94	2.00	2.06	2.12	2.17	2.23	2.29	2.35
700	1.51	1.57	1.63	1.69	1.75	1.81	1.87	1.93	1.99	2.05	2.11	2.17	2.23	2.29	2.35	2.41	2.47
750	1.60	1.66	1.72	1.79	1.85	1.91	1.98	2.04	2.11	2.17	2.23	2.30	2.36	2.42	2.49	2.55	2.62
800	1.67	1.74	1.80	1.87	1.94	2.00	2.07	2.14	2.20	2.27	2.34	2.40	2.47	2.54	2.61	2.67	2.74
850	1.75	1.82	1.89	1.96	2.03	2.10	2.17	2.24	2.31	2.38	2.45	2.52	2.59	2.66	2.73	2.80	2.87
900	1.84	1.91	1.98	2.06	2.13	2.20	2.28	2.35	2.42	2.50	2.57	2.64	2.72	2.79	2.86	2.94	3.01
950	1.92	2.00	2.07	2.15	2.23	2.30	2.38	2.46	2.53	2.61	2.69	2.76	2.84	2.92	3.00	3.07	3.15
1,000	2.00	2.08	2.16	2.24	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28
1,000/3,000	2.12	2.21	2.30	2.38	2.47	2.55	2.64	2.72	2.81	2.89	2.98	3.06	3.14	3.23	3.31	3.40	3.48
1,500/4,500	3.19	3.31	3.44	3.57	3.70	3.83	3.95	4.08	4.20	4.34	4.46	4.59	4.72	4.84	4.97	5.10	5.23

NOTE: Net monthly rates for all balanced element sizes over 1,000 watts are calculated as follows:

Rate for 1,000-watt element X $\frac{\text{Element Rating}}{1,000}$

NOTES

Service Charges

- a 33¢ per month per service when the permanently installed appliance load is under 2,000 watts and 66¢ per month when 2,000 watts or more.
- b Demand rate 8.5¢ per 100 watts, minimum 50¢.

House Heating

Applicable where electric energy is used to heat an entire dwelling or a portion of a dwelling in excess of 25% of the floor area.

- ☐ Energy supplied through residential service meter at standard rates.
- ☒ Energy metered separately at end residential rate, or energy supplied through residential service meter at standard rates.

All-Electric Service

Applicable to all energy sold to residential customers using all-electric house heating and electric water-heating supplied through the residential service meter.

- ▲ The first 1,750 kwh use per month to be billed at regular residential rates.
- z Applicable to multiple dwelling units served through one meter.

Service

HEATING AT SCHEDULE NUMBER INDICATED

payment is made on or before last date for net payment

NUMBER

42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1.51	1.55	1.58	1.62	1.66	1.69	1.73	1.76	1.80	1.84	1.87	1.91	1.94	1.98	2.02	2.05	2.09	2.12	2.16
1.70	1.74	1.78	1.82	1.86	1.90	1.94	1.98	2.03	2.06	2.11	2.14	2.18	2.22	2.27	2.30	2.34	2.39	2.45
1.89	1.94	1.98	2.03	2.07	2.12	2.16	2.21	2.25	2.30	2.34	2.39	2.43	2.48	2.52	2.57	2.61	2.66	2.70
2.08	2.13	2.18	2.23	2.28	2.33	2.38	2.43	2.48	2.53	2.57	2.63	2.68	2.73	2.77	2.83	2.88	2.93	2.99
2.27	2.32	2.38	2.43	2.48	2.54	2.59	2.65	2.70	2.75	2.81	2.86	2.92	2.97	3.02	3.08	3.13	3.19	3.24
2.40	2.46	2.52	2.57	2.63	2.69	2.75	2.80	2.86	2.93	2.99	3.03	3.08	3.14	3.20	3.26	3.31	3.38	3.44
2.53	2.59	2.65	2.71	2.77	2.83	2.89	2.95	3.01	3.08	3.13	3.20	3.26	3.32	3.38	3.44	3.49	3.56	3.62
2.68	2.74	2.81	2.87	2.93	3.00	3.06	3.13	3.19	3.26	3.31	3.38	3.44	3.51	3.58	3.65	3.71	3.76	3.82
2.81	2.87	2.94	3.01	3.07	3.14	3.21	3.27	3.34	3.41	3.47	3.54	3.60	3.67	3.74	3.82	3.89	3.94	4.00
2.94	3.01	3.08	3.15	3.22	3.29	3.36	3.43	3.51	3.56	3.64	3.71	3.78	3.85	3.92	4.00	4.07	4.13	4.19
3.08	3.16	3.23	3.30	3.38	3.45	3.52	3.60	3.67	3.74	3.82	3.89	3.96	4.04	4.12	4.19	4.27	4.33	4.39
3.23	3.30	3.38	3.46	3.53	3.61	3.69	3.76	3.84	3.92	4.00	4.07	4.14	4.22	4.30	4.38	4.46	4.54	4.61
3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16	4.24	4.32	4.40	4.48	4.56	4.64	4.73	4.81
3.57	3.65	3.74	3.83	3.91	4.00	4.08	4.17	4.25	4.34	4.42	4.51	4.59	4.67	4.76	4.84	4.93	5.01	5.10
5.36	5.48	5.61	5.73	5.87	5.99	6.12	6.25	6.37	6.50	6.63	6.76	6.89	7.01	7.14	7.26	7.40	7.52	7.65

Special Rates or Discounts

‡ First 60 kwh of monthly consumption at 2.0¢, second 60 kwh and all kwh in excess of 1,000 at 1.0¢.

★ Flat-rate water-heater service—Toronto.

System-owned

First 400 watts \$2.90 per month.

Each 100 watts additional 40¢ per month, plus a monthly charge for larger tank sizes as follows:

30¢ for 1000 watt and 1200 watt heaters

40¢ for 1500 watt heaters.

50¢ for 2000 watt and 2500 watt heaters.

55¢ for 3000 watts and over.

1000/3000 watt Cascade 40—\$5.82 gross per month.

Customer-owned

First 400 watts \$1.98 per month

Each 100 watts additional 40¢ per month.

w Special rate for metered water-heating customers only.

When loads are subject to central control, these rates may be somewhat lower.

N Rates are net (subject to 5% or 10% Delayed Payment Charge).

n Residential rates are net (subject to 5% Delayed Payment Charge).

° Commercial customers with a connected load of under 5 kilowatts billed at residential rates.

‡ Rate applicable to existing customers only, future customers to be billed at General Rate.

§ Farm customers billed at standard rural rates.

§§ Farm customers billed at special rates.

S Special rate applicable to selected categories.

RATES FOR MUNICIPAL In Effect

(The following rates are net, unless otherwise
of 5% if bills

Municipality	GENERAL RATE (0-5000 KW)							
	Demand Charges				Energy			
	1st Block at N.C.	2nd Block		Balance	1st 50 Kwh	Next 200 Kwh	Next Block	
		Kw	\$/Kw				Size	
	Kw	Kw	\$/Kw	\$/Kw	¢/Kwh	¢/Kwh	Kwh	¢/Kwh
Alvinston.....	50	...	....	1.60	4.0	1.6	9,750	1.3
Apple Hill.....	50	...	....	1.20	3.2	1.2	9,750	1.1
Arkona.....	50	...	....	1.20	3.5	1.2	9,750	1.1
Bath.....	50	...	....	1.50	4.0	1.5	9,750	1.25
Brantford.....	10	40	1.00	1.50	3.6	1.5	1,750	1.35
Brockville.....	50	...	....	1.50	3.5	1.4	9,750	1.25
▼Cannington.....	50	...	....	1.20	3.1	1.2	9,750	1.1
Delhi.....	50	...	....	1.60	3.5	1.6	9,750	1.3
Elora.....	50	...	....	1.60	4.0	1.4	9,750	1.3
Embro.....	50	...	....	1.40	3.5	1.5	9,750	1.2
Ingersoll.....	50	...	....	1.40	4.0	1.5	9,750	1.2
London.....	50	...	....	1.70	5.0	1.8	9,750	1.35
Massey.....	50	...	....	1.30	4.0	1.9	9,750	1.15
Mitchell.....	50	...	....	1.70	4.0	1.7	9,750	1.35
Newboro.....	50	...	....	1.40	4.0	1.6	9,750	1.2
Nipigon Twp.....	50	...	....	1.50	3.8	1.4	9,750	1.25
Oakville.....	50	...	....	1.90	5.0	2.5	9,750	1.45
Oshawa.....	50	...	....	1.50	4.0	1.5	9,750	1.25
Pembroke.....	50	...	....	1.70	3.3	3.3	2,250	2.3
Penetanguishene....	50	...	....	1.30	3.0	1.4	9,750	1.15
Plattsville.....	50	...	....	1.70	3.0	1.5	9,750	1.35
Port Arthur.....	50	...	....	1.30	3.6	1.4	9,750	1.15
Princeton.....	50	...	....	1.20	3.0	1.5	9,750	1.1
Red Rock.....	50	...	....	1.70	4.0	1.6	9,750	1.35
St. Catharines.....	25	25	1.10	1.70	5.0	2.5	4,750	1.35
St. George.....	50	...	....	1.70	3.5	1.5	9,750	1.35
Seaforth.....	50	...	....	1.70	4.0	2.0	9,750	1.35
South Grimsby Twp.	50	150	1.70	☆	5.0	2.5	9,750	1.35
Stratford.....	50	...	....	1.60	4.0	1.5	9,750	1.35
Tavistock.....	50	...	....	1.20	4.0	1.3	9,750	1.1
Thornton.....	50	...	....	1.60	3.4	1.6	9,750	1.3
Webbwood.....	50	...	....	1.50	4.5	2.0	9,750	1.25
Wellington.....	50	...	....	1.20	2.7	1.3	9,750	1.1
Wheatley.....	50	...	....	1.70	4.0	1.5	9,750	1.35
Windsor.....	50	...	....	1.60	4.5	1.6	9,750	1.3
Woodville.....	50	...	....	1.60	3.2	1.5	9,750	1.3

Rates are based upon service at utilization voltage; where the customer provides transformation facilities, the authorized allowance will apply.

N.C.—No charge.

◆ This minimum also applicable to demand billed customers.

◎ Applicable to customers billed on energy rates only. When demand charge is billed, minimum bill becomes \$0.25 per kw for all kilowatts, based on either the maximum demand established in previous eleven months or the contracted amount, whichever is the greater.

○ Where intermediate rate is applicable to customers with loads of 500 to 5000 kw, the basic general rate applies to customers with loads under 500 kw.

▼ Rates are gross—subject to a prompt payment discount of 10%.

☆ 200 kw and Over—\$2.25 per kw per month—all energy at 0.4¢ per kwh.

ELECTRICAL SERVICE

December 31, 1967

indicated and are subject to a delayed payment charge
are not paid on or before the due date)

					LARGE-USER RATE		INTERMEDIATE RATE		Minimum Bill @ \$/Month
Charges					Over 5000 Kw		500-5000 Kw		
Next Block		Next Block		Balance ¢/Kwh	Demand Charge \$/Kw	Energy Charge ¢/Kwh	Demand Charge \$/Kw	Energy Charge ¢/Kwh	
Size		Size							
Kwh		Kwh							
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	1.60
.....	...	.....	...	0.5	....	...	....	...	1.75
.....	...	.....	...	0.5	....	...	....	...	2.00
8,000	0.8	.....	...	0.5	2.00	0.3	2.00	0.3	◆2.00
.....	...	.....	...	0.5	1.90	0.3	1.70	0.4	◆1.75
.....	...	.....	...	0.6	....	...	....	...	◆1.67
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	1.75
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	1,365,000	0.5	0.3	2.25	0.3	....	...	2.50
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.25
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	1,490,000	0.5	0.3	2.50	0.3	....	...	2.50
.....	...	1,865,000	0.5	0.3	2.25	0.3	....	...	2.00
7,500	1.4	.....	...	0.5	....	...	....	...	◆1.50
.....	...	.....	...	0.5	....	...	....	...	1.50
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	1,490,000	0.5	0.3	1.90	0.3	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.00
5,000	0.8	.....	...	0.5	2.25	0.3	2.05	0.4	2.50
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	2.50
.....	...	1,115,000	0.5	0.3	2.05	0.3	....	...	◆1.75
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	.....	...	0.5	....	...	....	...	1.70
.....	...	.....	...	0.5	....	...	....	...	2.25
.....	...	.....	...	0.5	....	...	....	...	◆1.50
.....	...	.....	...	0.5	....	...	....	...	2.00
.....	...	1,375,000	0.5	0.3	2.25	0.3	....	...	2.25
.....	...	.....	...	0.5	....	...	....	...	1.60

**CUSTOMERS, REVENUE,
for the Year Ended
In Forty Major Municipal
(Arranged in descending order)**

	TOTAL REVENUE (including Street Lighting)	TOTAL CONSUMPTION (including Street Lighting)	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
			Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
	\$	kwh	\$	kwh		kwh	¢
Toronto.....	49,284,266	4,556,334,089	13,875,490	1,092,642,857	199,026	458	1.27
Hamilton.....	27,467,015	3,395,964,821	5,788,415	504,596,803	82,673	509	1.15
North York.....	21,812,970	1,904,283,064	10,102,918	884,696,607	110,881	665	1.14
Ottawa.....	17,310,389	1,716,864,477	5,929,518	749,488,145	87,983	710	0.79
Etobicoke.....	16,094,938	1,536,033,479	6,735,372	625,279,965	79,318	657	1.08
Scarborough.....	13,938,453	1,260,215,067	6,405,802	571,745,876	76,103	626	1.12
London.....	11,483,567	955,711,169	4,902,429	350,902,208	57,152	\$512	1.40
Windsor.....	10,101,307	901,031,245	3,695,282	268,528,424	53,525	418	1.38
Toronto Twp.....	8,074,047	773,334,834	3,052,127	262,824,438	28,565	767	1.16
St. Catharines.....	6,986,248	712,181,111	2,086,240	166,386,629	27,269	509	1.25
Oshawa.....	5,627,852	611,355,649	2,036,209	207,126,511	22,557	\$750	0.98
Oakville.....	5,352,293	605,348,387	1,665,077	136,749,709	13,325	\$818	1.22
Kitchener.....	6,099,631	579,635,895	2,095,253	198,101,318	27,809	594	1.06
York.....	5,496,228	545,048,913	2,655,758	260,530,113	43,213	502	1.02
Brantford.....	3,411,427	337,433,675	1,308,260	110,190,730	17,502	525	1.19
Guelph.....	3,791,657	333,570,995	1,444,080	114,765,922	14,305	669	1.26
Peterborough.....	3,273,849	327,856,381	1,551,002	145,662,365	16,602	731	1.06
Burlington.....	3,733,293	310,210,639	2,005,133	162,321,817	18,112	747	1.24
Sudbury.....	3,514,339	305,177,125	1,950,589	191,316,899	23,411	681	1.02
Kingston.....	3,191,870	300,508,943	1,319,582	127,377,259	16,362	649	1.04
Sarnia.....	3,054,469	298,474,560	1,151,348	91,035,960	15,339	495	1.26
Port Arthur.....	2,862,611	274,051,041	1,053,401	99,818,294	13,222	629	1.06
East York.....	2,744,530	254,382,876	1,524,347	137,860,423	23,780	483	1.11
Niagara Falls.....	3,056,542	251,669,532	1,250,525	99,680,972	16,412	506	1.25
Fort William.....	2,153,495	243,707,413	872,041	114,355,963	13,768	692	0.76
Nepean Twp.....	2,729,898	232,487,376	1,623,129	132,942,847	12,036	920	1.22
Waterloo.....	2,225,970	198,670,780	783,327	68,212,293	7,843	725	1.15
Galt.....	2,165,079	196,749,351	861,783	73,199,335	9,921	615	1.18
Welland.....	2,213,247	184,474,639	697,779	50,928,198	10,977	387	1.37
Brampton.....	2,168,632	175,871,754	957,269	72,629,988	8,543	708	1.32
Chatham.....	2,468,276	172,683,381	677,212	42,592,330	9,193	386	1.59
Belleville.....	1,772,380	160,237,913	822,888	77,883,414	10,195	637	1.06
Woodstock.....	1,693,055	155,408,940	665,221	59,284,770	7,654	645	1.12
Barrie.....	1,476,707	148,477,028	704,748	65,591,377	7,831	698	1.07
Stratford.....	1,632,611	140,611,503	639,375	51,971,178	6,861	631	1.23
St. Thomas.....	1,426,678	125,349,097	619,005	49,940,535	7,801	533	1.24
Brockville.....	1,216,367	120,452,793	546,150	48,548,676	6,014	\$654	1.12
Port Credit.....	924,356	116,964,164	192,831	17,603,730	2,538	578	1.10
Gloucester Twp.....	1,277,525	109,535,707	612,437	47,321,752	5,044	782	1.29
Trenton.....	920,527	108,647,805	286,221	30,814,735	4,374	587	0.93

*General rate in effect, see note on page 247.

§Estimated.

AND CONSUMPTION
December 31, 1967
Electrical Utilities
of total consumption)

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
10,774,878	792,453,090	25,233	2,617	1.36	23,401,714	2,604,833,231	7,639	547,476	28,416	0.90
4,132,928	346,169,537	9,075	3,179	1.19	16,994,003	2,522,292,216	940	444,310	223,607	0.67
7,604,101	624,174,388	7,761	6,702	1.22	3,667,008	368,891,789	1,182	105,209	26,008	0.99
10,310,197	897,576,531	11,597	6,450	1.15	527,982	51,797,986	148	15,321	29,166	1.02
3,218,900	254,432,327	3,679	5,763	1.27	5,621,286	638,576,027	1,295	154,646	41,092	0.88
3,656,313	305,643,585	3,692	6,899	1.20	3,412,719	364,256,966	653	92,248	46,485	0.94
*6,241,451	*591,963,681	*5,351	*11,882	*1.05	*	*	*	*	*	*
*5,962,815	*617,352,281	*6,386	*8,056	*0.97	*	*	*	*	*	*
1,334,482	103,988,168	1,240	6,988	1.28	3,456,484	400,720,927	410	80,841	81,447	0.86
*4,684,637	*536,014,082	*3,017	*14,805	*0.87	*	*	*	*	*	*
*3,437,561	*397,637,959	*2,306	*16,719	*0.86	*	*	*	*	*	*
*3,657,554	*466,030,170	*2,023	*27,582	*0.78	*	*	*	*	*	*
1,454,402	117,971,222	1,778	5,529	1.23	2,352,583	255,474,330	273	64,511	77,983	0.92
1,626,604	143,191,048	2,332	5,117	1.14	1,142,703	133,767,752	215	32,997	51,848	0.85
*2,000,273	*223,520,017	*2,083	*8,942	*0.89	*	*	*	*	*	*
710,817	50,208,941	1,121	3,732	1.42	1,493,037	164,155,132	134	38,885	102,087	0.91
629,125	52,201,611	808	5,384	1.21	962,502	125,684,005	264	30,711	39,673	0.77
836,247	63,378,155	875	6,036	1.32	837,699	82,256,017	184	23,718	37,254	1.02
1,114,042	87,554,789	2,324	3,140	1.27	270,497	21,577,537	300	8,353	5,994	1.25
1,209,590	102,259,801	2,633	3,236	1.18	546,139	66,741,883	175	17,576	31,782	0.82
698,712	52,867,100	917	4,804	1.32	1,074,324	150,554,680	159	32,669	78,907	0.71
*1,662,037	*168,681,719	*1,619	*8,682	*0.99	*	*	*	*	*	*
699,433	65,031,609	1,088	4,981	1.08	404,300	46,630,004	95	12,178	40,903	0.87
1,135,517	96,541,822	1,138	7,070	1.18	505,701	50,397,290	95	13,770	44,208	1.00
620,425	63,180,417	1,591	3,309	0.98	534,741	61,663,673	159	20,535	32,318	0.87
887,101	75,770,031	871	7,249	1.17	215,265	23,373,498	58	5,144	33,583	0.92
607,540	51,085,238	859	4,956	1.19	736,292	76,166,919	96	16,188	66,117	0.97
317,612	23,793,470	565	3,509	1.33	894,893	96,955,215	150	26,098	53,864	0.92
461,529	33,794,163	727	3,874	1.37	948,423	96,930,612	85	28,032	95,030	0.98
538,557	41,008,654	546	6,259	1.31	602,796	60,563,172	123	15,484	41,032	1.00
675,796	36,940,560	1,279	2,407	1.83	992,806	89,388,459	290	24,011	25,686	1.11
513,648	39,286,712	1,001	3,271	1.31	357,050	40,053,787	120	10,303	27,815	0.89
298,766	21,899,730	503	3,628	1.36	674,310	71,704,640	150	19,132	39,836	0.94
380,176	29,559,737	609	4,045	1.29	378,072	51,940,894	117	14,192	36,995	0.73
*907,486	*85,836,205	*904	*7,913	*1.06	*	*	*	*	*	*
234,588	17,763,432	416	3,558	1.32	536,410	56,570,610	139	15,065	33,915	0.95
*628,671	*70,470,677	*813	*9,248	*0.89	*	*	*	*	*	*
162,046	12,896,810	180	5,971	1.26	546,241	85,690,020	11	11,932	649,167	0.64
527,980	52,147,483	294	14,781	1.01	125,208	9,390,139	44	3,795	17,784	1.33
162,818	13,851,202	348	3,317	1.18	437,558	62,926,868	38	12,140	137,998	0.70

▲See Introduction page 201.

**CUSTOMERS, REVENUE,
for the Year Ended
(By Municipalities)**

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Acton.....	4,429	1,441	6,055	114,058	10,465,293	1,332	655	1.09
Ailsa Craig.....	554	232	498	12,463	1,131,290	206	458	1.10
Ajax.....	10,337	2,798	12,239	220,425	17,728,618	2,590	570	1.24
Alexandria.....	2,860	1,060	3,925	86,361	8,050,408	967	694	1.07
Alfred.....	1,189	355	1,190	32,364	2,817,537	324	725	1.15
Alliston.....	3,165	1,208	4,355	83,129	8,058,595	1,024	656	1.03
Almonte.....	3,560	1,202	3,788	88,762	8,208,439	1,123	609	1.08
Alvinston.....	634	336	471	13,373	791,340	272	\$224	1.69
Amherstburg.....	4,460	1,479	5,288	108,974	10,373,090	1,319	655	1.05
Ancaster Twp. (including Ancaster).....	15,130	1,163	3,497	138,369	10,826,200	1,110	813	1.28
Apple Hill.....	325	115	192	6,096	472,620	96	410	1.29
Arkona.....	402	201	391	14,646	1,202,540	168	\$557	1.22
Arnprior.....	5,625	1,947	7,643	143,479	14,778,317	1,770	696	0.97
Arthur.....	1,254	544	1,255	38,382	3,520,677	484	606	1.09
Athens.....	1,006	367	902	23,715	2,341,412	348	561	1.01
Atikokan Twp.....	6,586	1,861	4,745	200,590	15,812,871	1,708	772	1.27
Aurora.....	10,424	3,011	9,705	230,869	21,699,874	2,726	663	1.06
Avonmore.....	229	114	231	8,703	573,357	102	468	1.52
Aylmer.....	4,225	1,631	6,296	123,350	12,379,968	1,472	701	1.00
Ayr.....	1,119	417	1,261	29,685	2,782,031	339	684	1.07
Baden.....	945	308	1,203	24,716	2,361,339	290	679	1.05
†Bala.....	x455	861	1,201	52,022	2,193,800	783	233	2.37
Bancroft.....	2,159	792	2,071	58,196	4,734,716	708	557	1.23
Barrie.....	24,993	8,557	30,195	704,748	65,591,377	7,831	698	1.07
Barry's Bay....	1,369	462	1,099	25,233	2,124,404	429	413	1.19
Bath.....	761	275	623	23,391	1,864,177	245	634	1.25
Beachburg.....	452	224	492	16,479	1,221,720	208	489	1.35
Beachville.....	961	328	2,585	22,196	2,102,905	316	555	1.06
Beamsville.....	3,885	1,355	3,117	98,693	7,532,730	1,248	503	1.31
†Beardmore.....	950	328	561	26,007	1,720,000	249	576	1.51
Beaverton.....	1,078	631	1,696	46,207	4,524,160	584	646	1.02
Beeton.....	961	347	670	24,764	2,375,750	327	605	1.04
Belle River.....	2,337	856	1,568	55,686	3,752,820	798	392	1.48
Belleville.....	32,627	11,316	33,224	822,888	77,883,414	10,195	637	1.06
Belmont.....	708	244	1,153	22,451	1,745,051	228	638	1.29
Blenheim.....	3,311	1,275	2,588	65,281	5,046,847	1,128	373	1.29
†Blind River.....	3,485	1,151	3,355	104,010	7,479,500	961	649	1.39
Bloomfield.....	716	296	716	19,263	1,799,435	274	547	1.07
Blyth.....	747	351	1,049	22,817	2,091,370	311	560	1.09
Bobcaygeon.....	1,204	800	1,537	59,322	4,406,265	717	512	1.35

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

Alphabetically Arranged)

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
35,013	2,315,089	72	2,680	1.51	174,332	15,049,385	37	4,461	33,895	1.16
4,541	300,000	19	1,316	1.51	10,217	663,010	7	360	7,893	1.54
104,885	8,718,614	124	5,859	1.20	272,771	29,650,682	84	8,524	29,415	0.92
40,308	2,863,474	76	3,140	1.41	66,841	6,333,584	17	1,590	31,047	1.06
9,559	618,740	21	2,455	1.54	10,428	739,368	10	331	6,161	1.41
77,569	5,041,559	154	2,728	1.54	62,485	7,044,759	30	1,724	19,569	0.89
26,746	2,237,036	59	3,160	1.20	48,025	6,391,610	20	1,447	26,632	0.75
*8,685	*467,655	*64	*866	*1.86	*	*	*	*	*	*
53,421	3,966,170	121	2,732	1.35	114,621	11,785,500	39	3,099	25,183	0.97
38,011	2,220,963	45	4,113	1.71	5,147	349,736	8	137	3,643	1.47
*1,759	*103,200	*19	*453	*1.70	*	*	*	*	*	*
*4,774	*314,810	*33	*1,312	*1.52	*	*	*	*	*	*
76,853	6,136,560	151	3,387	1.25	142,693	18,749,382	26	3,638	60,094	0.76
15,433	964,144	45	1,785	1.60	6,852	327,075	15	270	1,817	2.09
6,105	479,610	18	2,220	1.27	165	2,400	1	12	200	.....
87,617	5,361,669	143	3,125	1.63	6,481	544,172	10	175	4,535	1.19
94,993	7,318,536	239	2,552	1.30	141,134	13,880,989	46	4,083	25,147	1.02
3,202	168,080	11	1,273	1.91	1,019	45,355	1	31	3,780	2.25
70,895	5,637,233	126	3,728	1.26	90,021	7,437,676	33	2,959	18,782	1.21
13,950	905,821	64	1,179	1.54	18,413	1,124,360	14	566	6,693	1.64
4,496	321,811	13	2,063	1.40	23,469	2,328,675	5	676	38,811	1.01
14,301	698,100	72	808	2.05	1,598	127,000	6	45	1,764	1.26
35,961	2,205,876	70	2,626	1.63	11,837	737,187	14	364	4,388	1.61
380,176	29,559,737	609	4,045	1.29	378,072	51,940,894	117	14,192	36,995	0.73
13,800	1,103,238	30	3,065	1.25	1,521	105,100	3	54	2,919	1.45
*7,257	*483,850	*30	*1,344	*1.50	*	*	*	*	*	*
3,218	205,919	12	1,430	1.56	7,941	502,190	4	252	10,462	1.58
2,614	167,200	10	1,393	1.56	90,860	13,492,919	2	2,199	562,205	0.67
50,127	3,419,373	95	2,999	1.47	12,337	732,755	12	348	5,089	1.68
17,264	989,300	77	1,071	1.75	251	11,200	2	9	467	2.24
15,854	1,274,440	32	3,319	1.24	17,191	1,301,738	15	725	7,232	1.32
3,745	210,360	13	1,348	1.78	6,540	508,950	7	140	6,059	1.28
27,355	1,670,760	50	2,785	1.64	6,146	409,580	8	177	4,266	1.50
513,648	39,286,712	1,001	3,271	1.31	357,050	40,053,787	120	10,303	27,815	0.89
4,900	350,460	11	2,655	1.40	42,419	3,807,190	5	981	63,453	1.11
44,753	2,877,568	112	2,141	1.56	42,130	2,827,393	35	1,118	6,732	1.49
66,272	4,049,500	184	1,834	1.64	53,777	4,273,000	6	994	59,347	1.26
5,692	415,761	17	2,038	1.37	4,399	262,638	5	168	4,377	1.67
8,556	536,085	31	1,441	1.60	17,946	1,646,645	9	437	15,247	1.09
17,965	916,729	74	1,032	1.96	11,752	676,613	9	323	6,265	1.74

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Bolton.....	2,344	713	2,103	70,621	5,711,330	655	727	1.24
Bothwell.....	833	349	690	18,815	1,620,400	305	443	1.16
Bowmanville.....	8,328	2,811	11,417	232,141	22,839,690	2,629	724	1.02
Bracebridge.....	3,165	1,350	3,725	96,692	8,289,630	1,106	625	1.17
Bradford.....	2,621	946	3,024	67,345	6,290,149	810	647	1.07
Braeside.....	545	162	2,066	11,170	928,642	155	499	1.20
Brampton.....	35,739	9,212	39,597	957,269	72,629,988	8,543	708	1.32
Brantford.....	59,150	19,585	66,201	1,308,260	110,190,730	17,502	525	1.19
Brantford Twp.....	9,116	2,759	10,439	332,797	25,852,042	2,590	832	1.29
Brechin.....	256	104	196	4,937	515,698	90	477	0.96
Bridgeport.....	2,103	601	1,835	64,257	5,153,768	558	770	1.25
Bridgen.....	535	211	376	9,071	769,830	185	347	1.18
Brighton.....	2,767	1,107	2,803	78,379	7,324,591	1,028	594	1.07
Brockville.....	19,477	6,827	25,650	546,150	48,548,676	6,014	§654	1.12
Brussels.....	832	395	915	29,845	2,434,730	352	576	1.23
Burford.....	1,095	445	1,068	37,854	3,410,379	402	707	1.11
Burgessville.....	296	108	301	8,356	773,351	92	701	1.08
Burk's Falls.....	796	370	1,189	28,116	2,411,790	338	595	1.17
Burlington.....	71,643	19,171	68,248	2,005,133	162,321,817	18,112	747	1.24
Cache Bay.....	681	175	286	9,451	750,580	171	366	1.26
Caledonia.....	2,786	964	1,780	54,037	4,337,183	888	407	1.25
Campbellford.....	3,503	1,373	3,893	76,171	9,757,944	1,227	663	0.78
Campbellville.....	249	89	239	8,749	716,855	82	729	1.22
Cannington.....	1,057	462	1,129	31,222	3,091,560	387	666	1.01
Capreol.....	3,096	1,040	2,839	102,072	8,779,576	979	747	1.16
Cardinal.....	1,951	680	1,278	41,044	3,680,225	634	484	1.12
Carleton Place.....	4,927	1,865	4,666	135,384	11,166,836	1,740	535	1.21
Casselman.....	1,244	407	1,128	31,514	2,633,488	375	585	1.20
Cayuga.....	1,007	424	784	26,237	2,020,248	370	455	1.30
Chalk River.....	1,056	276	741	24,410	2,164,260	262	688	1.13
Chapleau Twp.....	3,599	1,055	2,084	110,134	5,539,407	990	466	1.99
Chatham.....	31,374	10,762	37,577	677,212	42,592,330	9,193	386	1.59
Chatsworth.....	372	191	406	12,518	1,129,770	174	541	1.11
Chesley.....	1,697	789	1,731	40,865	4,250,744	650	545	0.96
Chesterville.....	1,309	477	1,761	34,221	3,259,449	439	619	1.05
Chippawa.....	3,967	1,261	2,337	86,656	6,375,590	1,206	441	1.36
Clifford.....	514	242	523	17,463	1,510,050	219	575	1.16
Clinton.....	3,315	1,308	3,295	94,061	8,151,560	1,175	578	1.15
†Cobalt.....	2,110	731	1,488	56,117	3,813,900	617	515	1.47
Cobden.....	811	401	931	21,982	2,440,163	368	553	0.90

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
27,321	2,002,750	44	3,793	1.36	13,540	897,057	14	372	5,340	1.51
12,184	925,770	33	2,338	1.32	5,278	156,330	11	275	1,184	3.38
92,264	8,474,202	158	4,470	1.09	170,539	22,431,130	24	5,413	77,886	0.76
71,485	5,404,862	219	2,057	1.32	22,326	2,370,079	25	784	7,900	0.94
39,559	2,578,230	107	2,008	1.53	39,794	3,779,360	29	1,114	10,860	1.05
1,422	93,640	5	1,561	1.52	69,636	8,052,869	2	1,868	335,536	0.86
538,557	41,008,654	546	6,259	1.31	602,796	60,563,172	123	15,484	41,032	1.00
*2,000,273	*223,520,017	*2,083	*8,942	*0.89	*	*	*	*	*	*
83,682	6,544,612	104	5,244	1.28	221,550	19,668,416	65	6,747	25,216	1.13
2,614	214,310	13	1,374	1.22	435	14,208	1	26	1,184	3.06
22,823	1,566,827	36	3,627	1.46	5,601	277,300	7	173	3,301	2.02
4,805	356,190	19	1,562	1.35	5,343	178,348	7	255	2,123	3.00
34,055	2,405,242	68	2,948	1.42	14,507	1,132,093	11	434	8,576	1.28
*628,671	*70,470,677	*813	*9,248	*0.89	*	*	*	*	*	*
9,619	564,150	34	1,383	1.71	6,760	347,640	9	196	3,219	1.94
10,923	716,597	31	1,926	1.52	7,561	504,395	12	244	3,503	1.50
5,914	266,657	15	1,481	2.22	1,322	33,000	1	51	2,750	4.01
12,750	891,244	28	2,653	1.43	12,003	928,020	4	318	19,334	1.29
836,247	63,378,155	875	6,036	1.32	837,699	82,256,017	184	23,718	37,254	1.02
1,943	137,670	4	2,868	1.41						
26,915	1,797,379	56	2,675	1.50	11,294	980,343	20	217	4,085	1.15
41,466	4,049,727	125	2,700	1.02	22,836	2,572,424	21	976	10,208	0.89
2,114	151,656	7	1,805	1.39						
*13,063	*1,259,725	*75	*1,400	*1.04	*	*	*	*	*	*
25,920	1,687,642	51	2,758	1.54	16,641	1,742,142	10	385	14,518	0.96
10,914	746,521	42	1,481	1.46	1,272	118,840	4	34	2,476	1.07
52,201	3,284,809	107	2,558	1.59	60,538	5,939,746	18	1,621	27,499	1.02
15,412	982,825	29	2,824	1.57	8,468	551,525	3	285	15,320	1.54
14,319	905,020	42	1,796	1.58	7,983	254,499	12	297	1,767	3.14
6,257	466,000	11	3,530	1.34	2,225	262,450	3	60	7,290	0.85
38,329	1,678,751	48	2,915	2.28	13,989	614,740	17	219	3,013	2.28
675,796	36,940,560	1,279	2,407	1.83	992,806	89,388,459	290	24,011	25,686	1.11
4,967	331,070	16	1,724	1.50	523	18,450	1	19	1,538	2.83
18,059	1,316,335	111	988	1.37	13,722	1,052,222	28	495	3,132	1.30
9,583	722,929	30	2,008	1.33	37,496	3,578,953	8	1,043	37,281	1.05
23,824	1,578,970	39	3,374	1.51	8,464	799,078	16	245	4,162	1.06
3,950	282,399	16	1,471	1.40	5,198	421,250	7	132	5,015	1.23
53,907	3,649,170	108	2,816	1.48	24,860	1,699,060	25	723	5,664	1.46
24,346	1,285,400	108	992	1.89	10,609	819,200	6	250	11,378	1.30
10,305	751,375	28	2,236	1.37	4,913	225,310	5	255	3,755	2.18

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Cobourg.....	10,269	3,481	15,443	266,520	27,042,528	3,175	710	0.99
Cochrane.....	4,650	1,419	4,293	108,462	8,847,310	1,196	616	1.23
Colborne.....	1,485	635	1,686	43,978	3,930,397	516	635	1.12
Coldwater.....	741	303	1,010	25,294	2,589,590	286	755	0.98
Collingwood.....	8,329	3,541	11,328	205,887	21,001,640	3,246	539	0.98
Comber.....	630	248	457	13,473	1,040,040	220	394	1.30
Coniston.....	2,679	706	1,807	62,131	5,504,958	685	670	1.13
Cookstown.....	705	274	695	19,573	1,993,856	251	662	0.98
Cottam.....	670	263	368	13,934	1,161,360	237	408	1.20
Courtright.....	657	231	354	14,612	846,881	215	328	1.73
Creemore.....	916	372	918	24,002	2,371,010	341	579	1.01
Dashwood.....	432	192	510	16,866	1,191,010	180	551	1.42
Deep River.....	5,636	1,522	6,273	161,931	16,112,228	1,381	972	1.01
Delaware.....	425	149	359	14,513	1,139,050	141	673	1.27
Delhi.....	3,684	1,567	3,782	76,239	7,036,203	1,278	§436	1.08
Deseronto.....	1,731	620	1,412	41,492	3,565,024	582	510	1.16
Dorchester.....	1,082	382	758	22,803	1,935,370	360	448	1.18
Drayton.....	664	286	635	23,430	1,711,300	255	559	1.37
Dresden.....	2,361	966	2,873	51,819	3,900,471	883	368	1.33
Drumbo.....	443	180	332	13,070	1,195,478	172	579	1.09
Dryden.....	6,718	2,196	6,078	207,889	16,489,536	2,052	670	1.26
Dublin.....	315	125	401	7,897	730,455	109	558	1.08
Dundalk.....	906	511	1,030	30,019	2,655,370	456	485	1.13
Dundas.....	15,461	4,947	14,735	418,721	32,853,155	4,605	595	1.27
Dunnville.....	5,456	2,055	4,996	94,808	7,372,643	1,806	340	1.29
Durham.....	2,434	928	2,496	64,724	5,574,542	840	553	1.16
Dutton.....	710	358	543	15,845	1,240,117	329	314	1.28
East York.....	96,569	24,963	51,746	1,524,347	137,860,423	23,780	483	1.11
Eganville.....	1,367	513	1,179	31,606	2,631,824	448	490	1.20
†Elk Lake Townsite.....	§650	232	544	16,846	1,248,300	174	598	1.35
Elmira.....	4,165	1,433	6,698	111,999	10,126,939	1,299	650	1.11
Elmvale.....	1,027	447	1,146	27,655	2,579,309	404	532	1.07
Elmwood.....	§450	150	234	7,684	706,070	141	417	1.09
Elora.....	1,667	578	1,309	52,809	3,915,272	502	§620	1.35
Embro.....	649	262	625	20,700	1,855,867	212	§697	1.12
Embrun.....	1,234	355	1,308	40,740	3,060,358	328	778	1.33
†Englehart.....	1,710	654	1,277	47,127	3,017,400	543	463	1.56
Ericau.....	461	377	503	19,857	1,588,830	342	387	1.25
Erie Beach.....	x199	147	105	7,842	346,750	140	206	2.26
Erin.....	1,161	485	1,186	37,960	3,357,550	443	632	1.13

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
95,777	8,085,046	240	2,807	1.18	318,000	42,871,330	66	9,923	54,130	0.74
82,295	5,419,776	212	2,130	1.52	38,538	4,601,380	11	887	34,859	0.84
24,743	1,298,549	105	1,031	1.91	14,880	1,000,132	14	366	5,953	1.49
6,597	471,185	14	2,805	1.40	8,485	647,270	3	298	17,980	1.31
113,580	9,506,789	220	3,601	1.19	186,675	22,239,410	75	5,901	24,710	0.84
6,850	430,628	21	1,709	1.59	6,004	216,210	7	231	2,574	2.78
9,625	609,600	17	2,988	1.58	2,906	219,400	4	82	4,571	1.32
2,868	175,635	18	813	1.63	2,477	143,280	5	106	2,388	1.73
3,622	230,320	18	1,066	1.57	4,849	98,070	8	259	1,022	4.94
5,878	338,790	14	2,017	1.73	738	71,760	2	15	2,990	1.03
8,112	639,250	26	2,049	1.27	2,864	169,500	5	125	2,825	1.69
2,675	150,280	8	1,565	1.78	9,770	415,740	4	278	8,661	2.35
95,428	7,231,269	135	4,464	1.32	12,589	975,480	6	404	13,548	1.29
3,779	184,160	8	1,918	2.05						
*108,493	*8,104,332	*289	*3,200	*1.34	*	*	*	*	*	*
8,969	586,314	25	1,954	1.53	26,561	2,113,476	13	736	13,548	1.26
4,599	246,610	18	1,142	1.86	6,239	328,392	4	224	6,842	1.90
6,658	375,085	28	1,116	1.78	4,488	173,860	3	136	4,829	2.58
33,168	2,053,167	60	2,852	1.62	70,936	5,585,918	23	1,860	20,238	1.27
1,754	82,810	6	1,150	2.12	986	29,825	2	43	1,243	3.31
121,221	8,098,306	139	4,855	1.50	8,196	621,700	5	191	10,362	1.32
4,941	364,226	14	2,168	1.36	8,785	473,000	2	218	19,708	1.86
15,363	925,057	40	1,927	1.66	8,737	471,034	15	343	2,617	1.85
179,322	12,977,063	238	4,544	1.38	170,338	14,582,926	104	5,244	11,685	1.17
75,552	5,131,919	209	2,046	1.47	113,729	10,180,229	40	3,551	21,209	1.12
27,668	1,908,913	64	2,486	1.45	38,134	2,780,360	24	1,179	9,654	1.37
7,380	503,433	20	2,098	1.47	7,084	411,881	9	239	3,814	1.72
699,433	65,031,609	1,088	4,981	1.08	404,300	46,630,004	95	12,178	40,903	0.87
23,918	1,294,400	57	1,892	1.85	11,824	889,529	8	306	9,266	1.33
8,530	544,800	56	811	1.57	3,982	180,400	2	120	7,517	2.21
54,501	3,528,530	93	3,162	1.54	178,094	17,417,482	41	4,719	35,401	1.02
20,494	1,510,970	29	4,342	1.36	4,483	275,064	14	165	1,637	1.63
1,506	95,746	8	997	1.57	2,245	102,000	1	72	8,500	2.20
*25,046	*1,676,575	*76	*2,739	*1.49	*	*	*	*	*	*
*10,314	*643,518	*50	*1,341	*1.60	*	*	*	*	*	*
13,570	928,333	20	3,868	1.46	8,480	455,030	7	275	5,417	1.86
29,119	1,648,500	106	1,296	1.77	8,397	746,180	5	189	12,435	1.13
7,960	584,555	30	1,624	1.36	6,466	324,600	5	188	5,410	1.99
763	33,890	7	403	2.25						
11,744	817,591	34	2,004	1.44	4,460	251,125	8	180	2,616	1.78

▲ See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Espanola.....	5,408	1,518	4,163	143,898	13,015,299	1,423	762	1.11
Essex.....	3,681	1,266	3,010	81,493	6,828,556	1,126	505	1.19
Etobicoke.....	263,743	84,292	300,898	6,735,372	625,279,965	79,318	657	1.08
Exeter.....	3,143	1,354	3,270	119,822	9,446,965	1,186	664	1.27
†Fenelon Falls.....	1,397	832	1,892	12,579	1,014,050	703	§481	1.24
Fergus.....	4,573	1,642	7,481	133,761	11,388,348	1,501	632	1.17
Finch.....	348	171	390	11,112	929,578	156	497	1.20
Flesherton.....	486	256	691	14,104	1,582,590	228	578	0.89
Fonthill.....	2,869	941	2,105	66,889	5,826,486	846	574	1.15
Forest.....	2,197	912	2,237	62,295	6,203,400	832	621	1.00
Fort William.....	48,203	15,518	48,807	872,041	114,355,963	13,768	692	0.76
Frankford.....	1,857	663	1,434	49,223	4,754,666	617	642	1.04
Galt.....	33,908	10,636	40,040	861,783	73,199,335	9,921	615	1.18
Georgetown.....	12,617	3,994	14,001	298,855	25,941,891	3,766	574	1.15
†Geraldton.....	3,258	1,178	2,045	82,050	5,039,800	978	429	1.63
Glencoe.....	1,177	558	1,154	23,291	2,150,630	488	367	1.08
Gloucester Twp.....	22,665	5,382	23,225	612,437	47,321,752	5,044	782	1.29
Goderich.....	6,643	2,617	8,903	174,731	15,805,760	2,389	551	1.11
†Gogama.....	§500	164	305	18,595	747,400	138	451	2.49
Grand Bend.....	x645	873	787	50,422	2,540,975	756	280	1.98
Grand Valley.....	799	354	803	23,924	2,160,340	327	551	1.11
Granton.....	314	124	216	9,685	653,600	107	509	1.48
Gravenhurst.....	3,259	1,447	3,412	88,694	8,654,300	1,324	545	1.02
Grimsby.....	6,720	2,271	5,206	147,794	11,348,958	2,063	458	1.30
Guelph.....	51,873	15,560	68,280	1,444,080	114,765,922	14,305	669	1.26
Hagersville.....	2,217	857	2,641	43,735	3,663,539	664	460	1.19
†Haileybury.....	2,975	1,001	2,353	81,362	5,716,500	834	571	1.42
Hamilton.....	288,993	92,688	534,487	5,788,415	504,596,803	82,673	509	1.15
Hanover.....	4,985	1,872	7,403	120,331	11,797,190	1,592	618	1.02
Harriston.....	1,571	711	1,975	50,247	4,352,344	642	565	1.15
Harrow.....	1,877	733	2,243	59,194	5,447,232	640	709	1.09
Hastings.....	843	416	823	26,155	2,091,060	390	447	1.25
Havelock.....	1,248	463	961	30,663	2,795,544	428	544	1.10
Hawkesbury.....	9,097	2,439	7,309	199,785	18,107,242	2,262	667	1.10
Hearst.....	2,972	819	3,856	78,247	6,099,325	735	692	1.28
Hensall.....	887	382	1,221	24,741	2,245,730	315	594	1.10
†Hepworth.....	341	126	280	10,519	750,900	109	574	1.40
Hespeler.....	5,505	1,739	8,017	113,354	9,750,456	1,569	518	1.16
Highgate.....	384	175	303	6,760	552,730	153	301	1.22
Holstein.....	171	98	184	5,502	497,350	79	525	1.11

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
§Estimated.
‡3 months' operation.
xExcluding summer population.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Av- erage Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
57,371	4,413,828	90	4,087	1.30	4,272	335,090	5	137	5,585	1.27
60,943	4,194,168	103	3,393	1.45	28,652	1,603,826	37	1,026	3,612	1.79
3,218,900	254,432,327	3,679	5,763	1.27	5,621,286	638,576,027	1,295	154,646	41,092	0.88
37,882	2,202,940	121	1,517	1.72	51,565	3,282,855	47	1,411	5,821	1.57
10,502	705,550	115	\$2,045	1.49	1,418	83,991	14	191	\$2,000	1.69
33,985	1,999,180	103	1,617	1.70	209,768	21,422,785	38	5,618	46,980	0.98
3,578	236,806	11	1,794	1.51	3,314	139,260	4	110	2,901	2.38
6,652	506,740	26	1,624	1.31	1,552	102,640	2	68	4,277	1.51
21,152	1,376,154	85	1,349	1.54	6,818	437,270	10	207	3,644	1.56
28,032	2,179,633	60	3,027	1.29	16,331	1,250,788	20	621	5,212	1.31
620,425	63,180,417	1,591	3,309	0.98	534,741	61,663,673	159	20,535	32,318	0.87
10,162	796,925	40	1,660	1.28	3,940	395,290	6	143	5,490	1.00
317,612	23,793,470	565	3,509	1.33	894,893	96,955,215	150	26,098	53,864	0.92
99,534	7,102,749	174	3,402	1.40	261,671	29,599,557	54	7,012	45,678	0.88
64,844	3,618,900	186	1,621	1.79	2,825	136,100	14	88	810	2.08
20,395	1,316,812	52	2,110	1.55	15,525	830,663	18	562	3,846	1.87
527,980	52,147,483	294	14,781	1.01	125,208	9,390,139	44	3,795	17,784	1.33
62,703	4,584,397	157	2,433	1.37	225,829	21,868,805	71	6,307	25,668	1.03
7,167	292,500	24	1,016	2.45	12,062	587,900	2	207	24,496	2.05
30,922	1,740,695	117	1,240	1.78						
6,621	370,390	22	1,403	1.79	4,294	184,350	5	176	3,073	2.33
1,861	78,310	16	408	2.38	183	560	1	9		
38,423	3,075,490	93	2,756	1.25	32,612	3,406,759	30	1,053	9,463	0.96
98,310	6,627,797	182	3,035	1.48	49,813	3,247,590	26	1,396	10,409	1.53
710,817	50,208,941	1,121	3,732	1.42	1,493,037	164,155,132	134	38,885	102,087	0.91
38,451	2,366,895	165	1,195	1.62	41,270	3,177,520	28	1,265	9,457	1.30
53,373	2,868,000	159	1,503	1.86	7,088	560,900	8	171	5,843	1.26
4,132,928	346,169,537	9,075	3,179	1.19	16,994,003	2,522,292,216	940	444,310	223,607	0.67
70,939	5,121,441	241	1,771	1.39	112,656	11,853,055	39	4,000	25,327	0.95
19,526	1,326,369	51	2,167	1.47	33,336	3,275,667	18	854	15,165	1.02
41,787	2,793,413	78	2,984	1.50	26,322	1,527,350	15	913	8,485	1.72
6,157	447,379	21	1,775	1.38	9,478	589,768	5	288	9,829	1.61
10,663	739,366	33	1,867	1.44	546	44,545	2	15	1,856	1.23
111,920	8,064,392	146	4,603	1.39	31,547	2,965,231	31	987	7,971	1.06
38,691	2,615,153	71	3,069	1.48	63,508	4,651,138	13	1,806	29,815	1.37
13,605	784,615	50	1,308	1.73	28,877	1,821,250	17	914	8,928	1.59
4,605	238,700	17	1,170	1.93						
40,725	2,652,046	134	1,649	1.54	216,302	25,254,732	36	6,663	58,460	0.86
3,674	269,260	19	1,181	1.36	1,102	46,260	3	30	1,285	2.38
1,266	74,690	17	366	1.70	843	37,100	2	18	1,546	2.27

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
†Hornepayne.....	1,739	503	1,341	63,108	3,534,700	430	685	1.79
†Hudson Townsite.....	\$600	211	336	15,504	879,300	179	409	1.76
Huntsville.....	3,411	1,306	3,723	91,497	8,360,900	1,172	594	1.09
Ingersoll.....	7,250	2,510	8,265	162,937	11,081,070	2,196	\$413	1.47
Iroquois.....	1,104	428	1,449	32,814	3,265,152	370	735	1.00
Jarvis.....	829	301	536	16,975	1,215,450	276	367	1.40
†Jellicoe.....	\$200	65	80	4,227	238,400	54	368	1.77
Kapusking.....	12,453	2,194	5,985	169,278	14,811,543	2,016	612	1.14
†Kearns.....	\$500	179	331	11,824	891,200	166	447	1.33
Kemptville.....	2,189	891	2,873	73,027	6,091,759	825	615	1.20
†Kenora (including Keewatin).....	10,833	4,456	10,250	200,262	18,276,287	4,130	553	1.10
Killaloe Station.....	858	297	637	21,522	1,385,687	276	418	1.55
Kincardine.....	2,731	1,364	3,117	92,969	8,631,645	1,233	583	1.08
King City.....	1,957	560	1,808	64,291	5,346,996	536	831	1.20
†King Kirkland.....	\$600	205	426	19,354	1,433,700	181	660	1.35
Kingston.....	54,665	19,170	61,724	1,319,582	127,377,259	16,362	649	1.04
Kingsville.....	3,465	1,498	3,733	73,832	7,291,578	1,352	449	1.01
Kirkfield.....	210	108	164	7,194	536,280	101	442	1.34
†Kirkland Lake (including Swastika).....	\$18,000	6,113	11,710	405,319	28,117,200	5,138	456	1.44
Kitchener.....	94,956	29,860	118,824	2,095,253	198,101,318	27,809	594	1.06
Lakefield.....	2,230	835	2,389	66,940	6,065,929	752	672	1.10
Lambeth.....	2,948	815	1,934	77,452	5,692,607	785	604	1.36
Lanark.....	940	298	766	16,467	1,744,506	285	510	0.94
Lancaster.....	629	221	508	17,140	1,361,732	199	570	1.20
Larder Lake Twp.....	1,385	458	1,008	40,564	3,384,690	408	691	1.20
Latchford.....	473	155	333	10,290	838,967	147	476	1.23
Leamington.....	9,350	3,538	10,280	197,071	16,669,735	3,201	434	1.18
Lindsay.....	11,699	4,355	16,640	300,633	29,627,629	3,973	621	1.01
Listowel.....	4,446	1,770	5,213	123,833	11,641,495	1,596	608	1.06
London.....	196,420	62,503	202,841	4,902,429	350,902,208	57,152	\$512	1.40
L'Orignal.....	1,322	436	1,096	34,634	2,781,763	406	571	1.25
Lucan.....	1,007	393	1,007	32,924	2,685,201	361	620	1.23
Lucknow.....	1,042	492	1,181	27,446	2,627,800	388	564	1.04
Lynden.....	587	178	541	16,028	1,483,974	170	727	1.08
Madoc.....	1,312	604	1,459	36,135	3,764,250	533	589	0.96
Magnetawan.....	199	113	171	7,109	403,430	104	323	1.76
Markdale.....	1,142	487	1,114	29,151	2,725,270	385	590	1.07
Markham.....	8,086	2,366	8,356	241,543	20,100,944	2,200	761	1.20
Marmora.....	1,281	520	1,230	37,099	3,318,404	478	579	1.12
Martintown.....	377	123	201	6,315	524,650	106	412	1.20

†8 months' operation.

§Estimated.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
31,110	1,324,900	71	1,555	2.35	10,555	740,000	2	150	30,833	1.43
8,496	463,100	32	1,206	1.83						
61,351	5,233,710	101	4,318	1.17	19,015	1,589,290	33	759	4,013	1.20
*276,530	*25,705,359	*314	*7,761	*1.08	*	*	*	*	*	*
17,783	1,378,794	53	2,168	1.29	4,494	352,625	5	168	5,877	1.27
6,330	370,825	18	1,717	1.71	6,168	217,098	7	192	2,585	2.84
2,433	127,500	11	966	1.91						
116,312	7,950,262	143	4,633	1.46	8,812	646,779	35	383	1,540	1.36
3,147	192,400	12	1,336	1.64	538	23,800	1	15	1,983	2.26
49,955	3,870,187	53	6,085	1.29	30,796	1,912,273	13	945	12,258	1.61
140,932	8,364,294	232	4,507	1.68	30,652	1,984,544	94	1,252	2,639	1.54
10,282	646,452	21	2,565	1.59						
37,550	2,396,888	105	1,902	1.57	33,055	2,337,553	26	901	7,492	1.41
23,912	1,851,133	20	7,713	1.29	2,145	173,470	4	57	3,614	1.24
3,213	212,000	24	736	1.52						
1,209,590	102,259,801	2,633	3,236	1.18	546,139	66,741,883	175	17,576	31,782	0.82
36,424	2,590,480	110	1,962	1.41	37,129	2,729,187	36	1,533	6,318	1.36
1,117	48,650	7	579	2.30						
235,924	15,808,200	948	1,390	1.49	42,802	3,692,000	27	1,095	11,395	1.16
1,454,402	117,971,222	1,778	5,529	1.23	2,352,583	255,474,330	273	64,511	77,983	0.92
53,599	3,577,224	74	4,028	1.50	10,646	753,669	9	332	6,978	1.41
16,091	1,000,293	28	2,977	1.61	2,863	211,903	2	63	8,829	1.35
2,931	246,709	9	2,284	1.19	5,715	423,880	4	206	8,831	1.35
9,592	627,095	22	2,375	1.53						
11,198	641,975	46	1,163	1.74	1,577	149,290	4	30	3,110	1.06
3,980	310,524	7	3,697	1.28	30	180	1	3		
137,208	9,537,672	271	2,933	1.44	201,408	22,454,217	66	5,105	28,351	0.90
160,553	12,224,290	287	3,549	1.31	327,845	40,185,142	95	9,158	35,250	0.82
80,082	5,944,441	142	3,489	1.35	59,054	4,962,055	32	1,805	12,922	1.19
*6,241,451	*591,963,681	*5,351	*11,882	*1.05	*	*	*	*	*	*
16,917	1,228,897	28	3,657	1.38	893	22,525	2	51	939	3.96
9,464	640,689	23	2,321	1.48	5,346	269,250	9	176	2,493	1.99
15,074	975,290	92	883	1.55	20,556	1,050,665	12	511	7,296	1.96
2,576	208,980	5	3,483	1.23	6,478	553,150	3	210	15,365	1.17
22,160	1,644,212	60	2,284	1.35	7,664	514,190	11	270	3,895	1.49
3,148	186,761	8	1,945	1.69	152		1	11		
21,005	1,365,125	94	1,210	1.54	6,634	478,400	8	207	4,983	1.39
99,202	7,294,217	142	4,281	1.36	57,066	5,120,361	24	1,649	17,779	1.11
16,209	1,082,427	36	2,506	1.50	2,658	214,350	6	74	2,977	1.24
2,480	169,910	15	944	1.46	803	18,100	2	49	754	4.44

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Massey.....	1,238	374	903	35,505	2,500,283	313	\$626	1.42
†Matachewan.....	§900	283	334	17,100	1,197,900	243	411	1.43
†Matheson.....	812	314	979	20,916	1,499,600	248	504	1.39
†Mattawa.....	2,913	869	2,460	94,281	5,704,200	734	648	1.65
Maxville.....	776	327	953	21,931	1,864,564	292	532	1.18
McGarry Twp.....	1,939	423	987	35,081	2,963,108	380	650	1.18
Meaford.....	3,897	1,672	4,422	96,449	8,720,460	1,423	511	1.11
Merlin.....	655	276	543	13,617	1,186,112	209	473	1.15
Merrickville.....	863	367	813	25,114	2,004,979	344	486	1.25
Midland.....	10,337	3,319	12,756	218,488	22,042,598	3,091	594	0.99
Mildmay.....	936	345	655	26,963	2,240,636	309	604	1.20
Millbrook.....	942	340	763	31,700	2,331,709	321	605	1.36
Milton.....	6,421	1,882	7,141	166,852	14,519,923	1,671	724	1.15
Milverton.....	1,094	483	1,329	34,122	2,825,427	418	563	1.21
Mitchell.....	2,486	989	3,140	73,915	5,989,664	828	§578	1.23
Moorefield.....	263	148	489	9,375	837,140	135	517	1.12
Morrisburg.....	1,938	786	2,044	57,864	5,184,704	693	624	1.12
Mount Brydges.....	1,122	403	668	24,650	1,714,780	371	385	1.44
Mount Forest.....	2,639	1,209	3,105	90,220	8,549,870	1,098	649	1.06
Napanee.....	4,694	1,812	4,600	107,995	10,596,774	1,634	540	1.02
Nepean Twp.....	49,701	12,965	55,436	1,623,129	132,942,847	12,036	920	1.22
Neustadt.....	556	224	660	14,374	1,426,220	204	583	1.01
Newboro.....	272	165	218	10,549	649,538	146	§361	1.62
Newburgh.....	589	200	388	16,162	1,211,584	173	584	1.33
Newbury.....	324	147	357	6,989	558,100	135	345	1.25
Newcastle.....	1,513	589	1,599	46,492	4,120,126	529	649	1.13
New Hamburg.....	2,466	864	2,550	74,597	7,003,592	786	743	1.07
†New Liskeard.....	5,178	1,848	5,355	157,555	10,875,000	1,526	594	1.45
Newmarket.....	8,138	3,020	10,705	231,907	21,258,358	2,679	661	1.09
Niagara.....	3,077	1,168	2,387	87,642	7,352,785	1,081	567	1.19
Niagara Falls.....	55,994	17,645	49,034	1,250,525	99,680,972	16,412	506	1.25
Nipigon Twp.....	2,734	804	2,152	57,782	5,396,904	655	§652	1.07
North Bay.....	§23,216	8,050	21,586	549,447	48,656,772	6,697	605	1.13
North York.....	405,153	119,824	402,590	10,102,918	884,696,607	110,881	665	1.14
Norwich.....	1,643	709	1,187	43,536	3,691,900	598	515	1.18
Norwood.....	1,102	432	912	29,354	2,837,250	398	594	1.03
Oakville.....	54,215	15,348	99,292	1,665,077	136,749,709	13,325	§818	1.22
Oil Springs.....	545	252	447	10,044	795,690	203	327	1.26
Omemece.....	808	315	737	23,867	1,807,292	290	519	1.32
Orangeville.....	5,907	2,276	6,222	174,924	15,135,233	2,094	602	1.16

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Av- erage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
*13,214	*887,963	*61	*1,850	*1.49	*	*	*	*	*	*
5,169	328,700	40	685	1.57						
18,856	1,239,700	64	1,614	1.52	12,817	575,200	2	326	23,967	2.23
58,407	2,834,200	132	1,789	2.06	27,554	2,105,200	3	412	58,478	1.31
17,365	1,062,490	32	2,767	1.63	6,787	203,850	3	223	5,663	3.33
10,833	645,834	41	1,313	1.68	1,732	163,880	2	51	6,828	1.06
46,081	3,241,193	212	1,274	1.42	74,212	6,977,712	37	2,003	15,716	1.06
12,020	775,898	62	1,043	1.55	7,805	276,420	5	215	4,607	2.82
4,722	306,925	15	1,705	1.54	9,790	649,023	8	357	6,761	1.51
82,508	7,132,316	142	4,186	1.16	264,904	30,992,673	86	9,713	30,032	0.85
8,461	476,149	28	1,417	1.78	4,808	284,838	8	157	2,967	1.69
8,007	376,720	19	1,652	2.13						
101,351	8,023,660	189	3,538	1.26	106,105	10,853,105	22	2,650	41,110	0.98
21,037	1,236,268	47	2,192	1.70	14,348	884,297	18	484	4,094	1.62
*102,619	*7,654,867	*161	*5,063	*1.34	*	*	*	*	*	*
2,517	133,580	11	1,012	1.88	9,579	791,000	2	219	32,958	1.21
27,786	2,038,213	83	2,046	1.36	15,343	1,049,338	10	446	8,744	1.46
6,932	400,640	26	1,284	1.73	7,593	477,470	6	219	6,632	1.59
33,663	2,536,440	79	2,676	1.33	18,443	1,264,480	32	624	3,293	1.46
64,819	5,159,442	139	3,093	1.26	55,403	5,278,488	39	1,996	11,279	1.05
887,101	75,770,031	871	7,249	1.17	215,265	23,373,498	58	5,144	33,583	0.92
1,781	108,460	17	532	1.64	6,487	408,470	3	250	11,346	1.59
*2,373	*136,735	*19	*760	*1.74	*	*	*	*	*	*
5,459	234,809	23	851	2.32	2,882	123,300	4	86	2,569	2.34
4,971	417,660	10	3,481	1.19	1,724	75,930	2	67	3,164	2.27
15,813	1,052,635	47	1,866	1.50	13,369	1,206,435	13	364	7,734	1.11
23,352	1,554,574	57	2,273	1.50	31,576	2,137,050	21	939	8,480	1.48
125,803	7,285,000	299	2,030	1.73	79,686	6,302,700	23	1,746	22,836	1.26
194,350	15,360,363	302	4,239	1.27	110,243	11,243,490	39	3,046	24,025	0.98
32,513	2,084,967	70	2,482	1.56	17,551	1,045,491	17	496	5,125	1.68
1,135,517	96,541,822	1,138	7,070	1.18	505,701	50,397,290	95	13,770	44,208	1.00
*69,757	*6,883,806	*149	*5,200	*1.01	*	*	*	*	*	*
490,324	36,916,600	1,214	2,534	1.33	157,958	15,365,408	139	4,431	9,212	1.03
7,604,101	624,174,388	7,761	6,702	1.22	3,667,008	368,891,789	1,182	105,209	26,008	0.99
16,769	934,236	99	786	1.79	4,704	379,113	12	128	2,633	1.24
8,821	633,759	31	1,704	1.39	3,608	149,650	3	150	4,157	2.41
*3,657,554	*466,030,170	*2,023	*27,582	*0.78	*	*	*	*	*	*
2,873	163,120	17	800	1.76	11,804	1,214,370	32	269	3,162	0.97
8,266	380,279	21	1,509	2.17	7,211	441,334	4	154	9,194	1.63
60,912	4,282,031	136	2,624	1.42	69,675	6,034,378	46	2,920	10,932	1.15

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Orillia.....	19,939	7,054	25,000	371,464	38,526,932	6,213	§585	0.96
Orono.....	1,000	388	989	37,188	2,875,294	363	660	1.29
Oshawa.....	79,769	24,863	118,817	2,036,209	207,126,511	22,557	§750	0.98
Ottawa (including Eastview and Rockcliffe Park).....	315,883	99,728	358,148	5,929,518	749,488,145	87,983	710	0.79
Otterville.....	795	292	549	20,331	1,683,605	259	542	1.21
Owen Sound.....	18,120	6,312	20,170	470,329	47,898,810	5,856	682	0.98
Paisley.....	712	339	716	21,170	1,829,450	265	575	1.16
Palmerston.....	1,629	708	1,694	48,150	4,105,139	637	537	1.17
Paris.....	6,243	2,213	5,667	142,615	11,113,558	1,933	479	1.28
Parkhill.....	1,144	513	1,175	35,659	2,878,407	455	527	1.24
Parry Sound.....	5,636	2,191	6,460	188,636	16,252,351	1,961	691	1.16
†Pembroke.....	15,142	5,143	7,730	320,655	28,437,033	4,413	644	1.13
Penetanguishene.....	4,947	1,486	4,339	102,570	11,055,363	1,296	§682	0.93
Perth.....	5,555	2,159	6,180	141,880	12,600,785	1,980	530	1.13
Peterborough.....	54,454	17,674	65,237	1,551,002	145,662,365	16,602	731	1.06
Petrolia.....	3,881	1,441	3,511	84,042	6,326,660	1,212	435	1.33
Pickering.....	1,943	583	1,543	56,576	4,365,545	545	668	1.30
†Pickle Lake Landing.....	§300	125	304	8,045	539,100	84	535	1.49
Pictou.....	4,821	1,847	5,193	125,798	12,125,142	1,504	672	1.04
Plantagenet.....	901	243	989	29,344	2,005,028	222	753	1.46
Plattsville.....	545	206	1,002	17,194	1,482,940	165	§650	1.16
Point Edward.....	2,800	899	7,115	48,691	3,708,705	793	390	1.31
Port Arthur.....	46,718	14,841	59,922	1,053,401	99,818,294	13,222	629	1.06
Port Burwell.....	675	433	347	25,141	1,113,291	404	230	2.26
†Port Carling.....	532	595	662	47,411	2,620,300	518	422	1.81
Port Colborne.....	18,013	5,607	14,556	300,846	23,991,056	4,959	403	1.25
Port Credit.....	8,089	2,729	17,564	192,831	17,603,730	2,538	578	1.10
Port Dover.....	3,271	1,564	2,654	81,376	5,925,645	1,443	342	1.37
Port Elgin.....	2,065	1,228	2,728	99,640	8,006,592	1,102	605	1.24
Port Hope.....	8,773	3,036	10,986	234,632	21,684,156	2,835	637	1.08
Port McNicoll.....	1,200	614	1,677	36,347	3,385,070	604	467	1.07
Port Perry.....	2,655	1,018	2,963	91,389	8,590,238	956	749	1.06
Port Rowan.....	841	358	482	17,342	1,264,370	311	339	1.37
Port Stanley.....	x1,416	1,170	1,323	69,455	4,809,606	1,124	357	1.44
†Powassan.....	1,059	401	1,200	38,436	2,922,700	320	761	1.32
Prescott.....	5,429	1,910	5,505	115,603	12,089,563	1,781	566	0.96
Preston.....	13,533	4,166	15,106	301,587	27,251,567	3,863	588	1.11
Priceville.....	152	76	84	4,478	246,420	69	298	1.82
Princeton.....	412	180	404	11,335	1,114,808	133	699	1.02
Queenston.....	559	183	487	15,747	1,661,469	178	778	0.95

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

‡10 months' operation.

xExcluding summer population.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
237,528	19,219,377	707	2,265	1.24	408,185	46,791,404	134	16,777	29,099	0.87
10,236	649,603	19	2,849	1.58	10,341	666,877	6	245	9,262	1.55
*3,437,561	*397,637,959	*2,306	*16,719	*0.86	*	*	*	*	*	*
10,310,197	897,576,531	11,597	6,450	1.15	527,982	51,797,986	148	15,321	29,166	1.02
6,411	374,955	29	1,077	1.71	631	18,410	4	26	384	3.43
195,211	15,796,088	316	4,166	1.24	252,789	29,930,922	140	8,840	17,816	0.84
11,567	673,554	66	850	1.72	2,734	192,837	8	78	2,009	1.42
27,786	1,844,853	55	2,795	1.51	11,380	850,825	16	432	4,431	1.34
64,108	4,512,210	237	1,587	1.42	83,681	8,759,310	43	3,255	16,975	0.96
17,320	997,935	45	1,848	1.74	18,756	1,203,270	13	524	7,713	1.56
99,328	6,810,808	197	2,881	1.46	45,847	3,988,374	33	1,232	10,072	1.15
*348,020	*23,549,324	*730	*3,226	*1.48	*	*	*	*	*	*
*88,167	*9,573,720	*190	*5,910	*0.92	*	*	*	*	*	*
74,397	6,153,173	150	3,418	1.21	83,245	8,649,372	29	2,834	24,855	0.96
629,125	52,201,611	808	5,384	1.21	962,502	125,684,005	264	30,711	39,673	0.77
66,038	3,911,410	195	1,672	1.69	65,147	3,368,330	34	1,582	8,256	1.93
15,499	1,336,478	34	3,276	1.16	5,965	518,920	4	197	10,811	1.15
10,027	589,200	40	1,228	1.70	1,301	121,200	1	16	10,100	1.07
88,197	6,577,201	309	1,774	1.34	40,112	4,053,579	34	1,287	9,935	0.99
12,378	693,172	19	3,040	1.79	10,439	593,400	2	249	24,725	1.76
*31,128	*2,590,390	*41	*9,800	*1.20	*	*	*	*	*	*
66,041	4,828,009	90	4,470	1.37	227,691	26,496,139	16	6,427	138,000	0.86
*1,662,037	*168,681,719	*1,619	*8,682	*0.99	*	*	*	*	*	*
6,382	350,175	26	1,122	1.82	291	5,620	3	16	156	.....
21,813	1,082,300	70	1,288	2.02	2,057	160,000	7	73	1,905	1.29
181,232	10,849,646	520	1,739	1.67	313,653	38,479,092	128	8,630	25,051	0.82
162,046	12,896,810	180	5,971	1.26	546,241	85,690,020	11	11,932	649,167	0.64
44,382	2,899,546	85	2,843	1.53	51,946	4,035,171	36	1,667	9,341	1.29
37,467	2,294,919	110	1,739	1.63	25,292	1,611,116	16	652	8,391	1.57
76,762	5,686,204	156	3,038	1.35	207,334	21,891,406	45	6,091	40,540	0.95
3,287	237,030	8	2,469	1.39	28,711	1,798,650	2	907	74,944	1.60
37,327	2,789,360	54	4,305	1.34	4,930	291,907	8	186	3,041	1.69
7,778	418,780	43	812	1.86	1,382	57,945	4	43	1,207	2.39
11,299	633,340	31	1,703	1.78	9,331	507,610	15	356	2,820	1.84
18,777	1,149,500	77	1,244	1.63	1,107	54,500	4	28	1,135	2.03
62,215	4,779,478	109	3,654	1.30	63,355	6,511,934	20	1,934	27,133	0.97
94,540	6,613,352	169	3,261	1.43	374,326	37,107,794	134	11,857	23,077	1.01
891	27,880	7	332	3.20	.....	.....	.....	.....	.....	.....
*8,084	*523,256	*47	*928	*1.54	*	*	*	*	*	*
5,054	395,110	5	6,585	1.28	.....	.....	.....	.....	.....	.....

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Rainy River.....	1,109	429	1,150	39,515	2,714,490	394	574	1.46
†Red Lake Twp.....	2,510	1,283	3,189	107,337	6,862,400	1,004	570	1.56
Red Rock.....	1,913	387	1,159	28,395	2,676,533	358	§642	1.06
Renfrew.....	8,906	2,958	9,063	206,880	21,415,758	2,679	666	0.97
Richmond.....	1,319	415	1,323	37,283	3,686,750	395	778	1.01
Richmond Hill.....	19,432	5,435	18,393	458,184	40,104,635	5,069	659	1.14
Ridgetown.....	2,735	1,153	2,419	59,010	4,145,337	957	361	1.42
Ripley.....	412	234	597	15,970	1,446,670	212	569	1.10
Rockland.....	3,425	898	2,220	72,471	6,250,992	853	611	1.16
Rockwood.....	896	321	805	28,598	2,344,337	306	638	1.22
Rodney.....	1,060	457	834	25,642	1,811,870	417	362	1.42
Rosseau.....	212	134	175	8,038	508,470	127	334	1.58
Russell.....	604	227	635	17,542	1,668,003	207	671	1.05
St. Catharines.....	98,059	30,286	141,425	2,086,240	166,386,629	27,269	509	1.25
St. Clair Beach.....	1,763	507	1,206	47,058	3,478,260	492	589	1.35
St. George.....	895	317	747	18,008	1,779,892	266	§528	1.01
St. Jacobs.....	922	292	1,007	22,649	2,011,294	238	704	1.13
St. Mary's.....	4,711	1,798	4,963	134,349	11,762,990	1,654	593	1.14
St. Thomas.....	23,038	8,356	25,709	619,005	49,940,535	7,801	533	1.24
Sandwich West Twp.....	8,397	2,275	5,146	220,064	17,164,650	2,188	654	1.28
Sarnia.....	55,393	16,415	56,993	1,151,348	91,035,960	15,339	495	1.26
Scarborough.....	273,992	80,448	270,388	6,405,802	571,745,876	76,103	626	1.12
Schreiber Twp.....	2,204	681	1,996	55,660	5,961,610	624	796	0.93
Seaforth.....	2,147	899	2,403	56,938	5,028,530	740	§520	1.13
Shelburne.....	1,267	640	1,653	42,925	3,872,680	582	555	1.11
Simcoe.....	10,115	3,826	12,782	183,698	19,453,118	3,464	468	0.94
Sioux Lookout.....	2,651	986	2,275	89,857	7,478,910	842	740	1.20
Smith's Falls.....	9,931	3,605	11,620	274,411	23,870,187	3,337	596	1.15
Southampton.....	1,735	1,310	1,888	65,885	5,423,960	1,167	387	1.21
South Grimsby Twp.....	§1,000	417	895	20,752	1,572,975	315	416	1.32
†South Porcupine.....	§6,100	2,086	3,910	132,516	9,606,600	1,803	444	1.38
South River.....	907	338	782	30,223	1,908,784	311	511	1.58
Springfield.....	414	182	350	11,536	956,430	171	466	1.21
Stayner.....	1,808	740	1,709	48,199	4,336,142	665	543	1.11
Stirling.....	1,357	565	1,450	40,487	3,822,244	497	641	1.06
Stoney Creek.....	7,577	2,143	6,053	210,159	17,961,719	2,007	746	1.17
Stouffville.....	3,713	1,316	3,900	119,564	10,064,177	1,199	699	1.19
Stratford.....	23,050	7,765	29,187	639,375	51,971,178	6,861	631	1.23
Strathroy.....	5,724	2,090	6,330	156,371	13,043,540	1,885	577	1.20
Streetsville.....	6,123	1,590	5,512	123,229	10,283,247	1,369	626	1.20

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
18,957	1,236,631	32	3,220	1.53	2,081	154,690	3	57	4,297	1.35
92,731	5,865,000	270	1,810	1.58	8,143	391,000	9	318	3,620	2.08
*17,483	*1,704,596	*29	*5,394	*1.03	*	*	*	*	*	*
85,807	7,134,696	216	2,753	1.20	108,401	11,479,310	63	3,843	15,184	0.94
23,009	1,624,595	20	6,769	1.42						
182,096	14,399,091	261	4,597	1.26	232,854	22,377,559	105	6,835	17,760	1.04
34,687	2,061,032	167	1,028	1.68	57,330	3,775,217	29	1,614	10,848	1.52
5,288	315,260	16	1,642	1.68	4,422	349,600	6	129	4,856	1.26
18,183	1,127,505	40	2,349	1.61	4,497	394,346	5	129	6,572	1.14
5,265	344,460	14	2,050	1.53	335	28,710	1	8	2,393	1.17
12,697	815,295	32	2,123	1.56	9,530	474,000	8	301	4,938	2.01
2,136	119,840	7	1,427	1.78						
4,684	335,761	17	1,646	1.40	737	59,550	3	26	1,654	1.24
*4,684,637	*536,014,082	*3,017	*14,805	*0.87	*	*	*	*	*	*
4,639	273,480	10	2,279	1.70	8,749	617,960	5	243	10,299	1.42
*17,720	*1,251,041	*51	*2,896	*1.42	*	*	*	*	*	*
20,402	1,346,706	44	2,551	1.51	10,162	499,940	10	384	4,166	2.03
38,248	2,617,480	97	2,249	1.46	78,201	8,186,865	47	2,278	14,516	0.96
234,588	17,763,432	416	3,558	1.32	536,410	56,570,610	139	15,065	33,915	0.95
37,535	2,390,489	74	2,692	1.57	9,132	397,740	13	272	2,550	2.30
698,712	52,867,100	917	4,804	1.32	1,074,324	150,554,680	159	32,669	78,907	0.71
3,656,313	305,643,585	3,692	6,899	1.20	3,412,719	364,256,966	653	92,248	46,485	0.94
32,437	2,614,696	56	3,891	1.24	2,931	351,200	1	77	29,267	0.83
*60,835	*4,288,111	*159	*3,000	*1.42	*	*	*	*	*	*
18,360	1,453,180	44	2,752	1.26	7,204	388,590	14	299	2,313	1.85
150,572	12,511,525	294	3,546	1.20	246,935	29,142,927	68	7,662	35,714	0.85
57,207	3,346,788	136	2,051	1.71	13,989	1,296,797	8	287	13,508	1.08
153,077	12,849,907	241	4,443	1.19	127,175	15,715,580	27	3,663	48,505	0.81
27,687	1,605,460	126	1,062	1.72	24,236	1,844,278	17	673	9,041	1.31
*30,282	*1,817,439	*102	*1,485	*1.67	*	*	*	*	*	*
62,037	3,608,000	276	1,089	1.72	3,574	292,900	7	88	3,487	1.22
10,479	600,342	22	2,274	1.75	12,927	583,378	5	256	9,723	2.22
2,763	219,210	7	2,610	1.26	1,787	60,060	4	83	1,251	2.98
14,458	984,565	53	1,548	1.47	15,757	1,584,570	22	470	6,002	0.99
15,867	1,086,811	55	1,647	1.46	10,327	898,608	13	355	5,760	1.15
75,220	5,460,318	105	4,334	1.38	14,415	1,085,321	31	475	2,918	1.33
60,553	4,197,665	102	3,429	1.44	17,392	930,870	15	584	5,172	1.87
*907,486	*85,836,205	*904	*7,913	*1.06	*	*	*	*	*	*
72,138	4,809,960	151	2,655	1.50	126,963	10,730,988	54	3,496	16,560	1.18
85,981	6,065,007	196	2,579	1.42	68,273	6,887,640	25	1,868	22,959	0.99

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Sturgeon Falls.....	6,381	1,766	4,689	152,592	12,169,316	1,633	621	1.25
Sudbury.....	84,361	26,035	64,002	1,950,589	191,316,899	23,411	681	1.02
Sunderland.....	632	280	736	18,379	1,824,390	257	592	1.01
Sundridge.....	720	347	946	24,652	2,205,234	311	591	1.12
Sutton.....	1,791	946	1,996	67,566	5,192,389	858	504	1.30
Tara.....	535	269	968	18,257	1,741,990	244	595	1.05
Tavistock.....	1,269	537	1,498	41,717	3,809,150	426	\$667	1.10
Tecumseh.....	4,750	1,438	2,760	107,170	7,363,222	1,360	451	1.46
Teeswater.....	918	388	1,134	26,343	2,499,747	350	595	1.05
Terrace Bay Twp.....	1,824	462	1,900	49,199	5,759,353	411	1,168	0.85
Thamesford.....	1,421	447	1,458	43,194	3,620,205	419	720	1.19
Thamesville.....	1,026	449	1,179	24,738	2,071,630	400	432	1.19
Thedford.....	671	301	745	21,951	1,886,470	273	576	1.16
Thessalon.....	1,623	554	1,299	48,981	3,406,135	499	569	1.44
Thornbury.....	1,264	586	1,653	35,940	2,915,120	486	500	1.23
Thorndale.....	407	142	301	12,282	953,950	132	602	1.29
†Thornloe.....	164	34	65	3,407	245,100	27	756	1.39
Thornton.....	308	105	220	7,776	659,390	87	\$597	1.18
Thorold.....	8,803	2,648	7,131	203,586	13,081,477	2,380	458	1.56
Tilbury.....	3,411	1,188	3,089	60,913	4,603,122	1,051	365	1.32
Tillsonburg.....	6,612	2,689	8,070	162,429	13,613,438	2,347	483	1.19
†Timmins (including Schumacher).....	\$33,000	10,133	20,785	704,540	51,650,800	8,825	488	1.36
Toronto (including Leaside).....	667,571	231,898	823,786	13,875,490	1,092,642,857	199,026	458	1.27
Toronto Twp.....	107,540	30,215	155,507	3,052,127	262,824,438	28,565	767	1.16
Tottenham.....	783	316	602	19,849	1,879,580	290	540	1.06
Trenton.....	13,867	4,760	19,466	286,221	30,814,735	4,374	587	0.93
Tweed.....	1,713	686	1,919	45,464	4,669,636	604	644	0.97
Uxbridge.....	2,626	1,060	3,488	73,558	7,432,892	964	643	0.99
Vankleek Hill.....	1,688	585	1,419	34,201	3,213,273	530	505	1.06
Victoria Harbour.....	1,037	566	875	30,335	2,394,690	549	364	1.27
Walkerton.....	4,251	1,515	5,563	112,277	10,830,461	1,380	654	1.04
Wallaceburg.....	10,798	3,791	19,283	168,142	14,630,070	3,343	365	1.15
Wardsville.....	301	162	293	7,233	614,672	127	403	1.18
Warkworth.....	560	249	442	16,842	1,290,913	231	466	1.30
Wasaga Beach.....	1,079	968	716	38,381	2,145,570	779	230	1.79
Waterdown.....	2,007	618	1,751	54,348	4,819,370	544	738	1.13
Waterford.....	2,452	872	1,984	60,258	4,229,329	821	429	1.42
Waterloo.....	31,296	8,798	39,278	783,327	68,212,293	7,843	725	1.15
Watford.....	1,248	567	1,961	37,480	3,407,060	509	558	1.10
Waubashene.....	\$1,500	473	574	21,631	1,607,300	452	296	1.35

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

*General rate in effect—see note on page 247.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
79,222	5,465,697	116	3,927	1.45	10,409	957,042	17	276	4,691	1.09
1,114,042	87,554,789	2,324	3,140	1.27	270,497	21,577,537	300	8,353	5,994	1.25
6,345	413,880	18	1,916	1.53	4,628	326,813	5	149	5,447	1.42
13,649	979,974	31	2,634	1.39	3,009	162,020	5	95	2,700	1.86
40,622	2,697,455	82	2,741	1.51	6,290	438,110	6	152	6,085	1.44
12,337	916,520	19	4,020	1.35	15,312	1,657,390	6	358	23,019	0.92
*27,532	*1,934,120	*111	*2,686	*1.42	*	*	*	*	*	*
29,334	1,782,931	62	2,396	1.65	47,395	4,371,135	16	1,105	22,766	1.08
13,911	951,780	31	2,559	1.46	21,057	1,646,700	7	650	19,604	1.28
30,481	2,475,279	49	4,210	1.23	6,248	776,401	2	156	32,350	0.80
12,483	879,053	22	3,330	1.42	21,733	1,975,445	6	484	27,437	1.10
11,515	829,764	32	2,161	1.39	22,697	1,119,340	17	874	5,487	2.03
5,493	312,540	20	1,302	1.76	6,224	412,600	8	185	4,298	1.51
27,709	1,670,431	48	2,900	1.66	8,697	536,800	7	186	6,390	1.62
18,390	1,269,774	83	1,275	1.45	28,499	2,012,550	17	900	9,865	1.42
1,400	92,610	7	1,103	1.51	2,210	79,070	3	89	2,196	2.79
1,336	69,400	7	826	1.93						
*1,774	*95,745	*18	*614	*1.85	*	*	*	*	*	*
85,273	4,923,985	226	1,816	1.73	157,935	17,700,769	42	4,112	35,121	0.89
42,585	2,961,309	110	2,243	1.44	68,228	4,076,890	27	2,481	12,583	1.67
157,844	11,510,678	294	3,263	1.37	115,998	10,782,087	48	3,279	18,718	1.08
453,900	29,062,700	1,279	1,894	1.56	39,691	2,584,200	29	1,096	7,426	1.54
10,774,878	792,453,090	25,233	2,617	1.36	23,401,714	2,604,833,231	7,639	547,476	28,416	0.90
1,334,482	103,988,168	1,240	6,988	1.28	3,456,484	400,720,927	410	80,841	81,447	0.86
4,692	282,750	19	1,240	1.66	2,400	182,800	7	83	2,176	1.31
162,818	13,851,202	348	3,317	1.18	437,558	62,926,868	38	12,140	137,998	0.70
23,399	1,931,929	65	2,477	1.21	17,207	1,130,553	17	690	5,542	1.52
40,977	2,993,783	70	3,564	1.37	43,708	3,603,321	26	1,316	11,549	1.21
16,977	1,335,641	48	2,319	1.27	5,496	265,595	7	250	3,162	2.07
10,540	664,770	14	3,957	1.59	817	45,000	3	22	1,250	1.82
57,682	4,390,919	113	3,238	1.31	76,003	7,753,399	22	2,240	29,369	0.98
110,541	9,169,560	336	2,274	1.21	554,685	66,670,820	112	16,062	49,606	0.83
5,250	273,929	35	652	1.92						
4,813	307,337	17	1,507	1.57	369	12,095	1	13	1,008	3.05
35,564	1,744,235	188	773	2.04	219	6,480	1	6	540	3.38
27,295	1,947,310	56	2,898	1.40	5,973	440,865	18	177	2,041	1.35
26,236	1,629,633	36	3,772	1.61	36,561	2,301,590	15	988	12,787	1.59
607,540	51,085,238	859	4,956	1.19	736,292	76,166,919	96	16,188	66,117	0.97
17,016	1,080,934	44	2,047	1.57	49,732	4,419,744	14	1,387	26,308	1.13
5,551	322,500	18	1,493	1.72	1,030	57,000	3	37	1,583	1.81

▲See Introduction page 201.

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1967	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Webbwood.....	555	144	280	13,163	782,853	118	522	1.68
Welland.....	39,493	11,789	37,221	697,779	50,928,198	10,977	387	1.37
Wellesley.....	728	314	693	24,236	1,973,904	289	569	1.23
Wellington.....	924	473	802	23,774	2,104,852	393	\$442	1.13
West Ferris Twp.....	\$7,000	2,332	6,502	210,546	16,236,136	2,168	624	1.30
West Lorne.....	914	462	1,517	26,683	2,078,440	409	423	1.28
Westport.....	596	303	603	18,277	1,714,970	272	525	1.07
Wheatley.....	1,568	582	1,163	35,456	2,611,431	478	455	1.36
Whitby.....	23,004	4,425	18,787	352,959	33,830,038	4,034	699	1.04
†White River.....	945	375	1,052	45,974	2,015,200	288	583	2.28
Warton.....	1,930	842	2,156	59,632	5,383,763	757	593	1.11
Widdifield Twp.....	\$13,500	3,903	11,796	365,794	26,729,988	3,705	601	1.37
Williamsburg.....	322	145	359	8,546	782,855	124	526	1.09
Winchester.....	1,421	590	2,310	44,697	4,251,124	533	665	1.05
Windermere.....	x111	140	193	7,871	519,770	129	336	1.51
Windsor.....	191,762	59,911	185,161	3,695,282	268,528,424	53,525	418	1.38
Wingham.....	2,935	1,176	4,685	85,018	9,135,960	1,056	721	0.93
Woodbridge.....	2,413	803	2,884	68,570	6,753,806	741	760	1.02
Woodstock.....	24,323	8,307	32,755	665,221	59,284,770	7,654	645	1.12
Woodyville.....	431	200	318	12,096	1,056,860	164	\$506	1.14
Wyoming.....	978	412	981	19,498	1,745,986	372	391	1.12
York.....	140,331	45,760	102,811	2,655,758	260,530,113	43,213	502	1.02
Zurich.....	732	324	729	23,741	1,829,880	259	589	1.30

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

\$Estimated.

xExcluding summer population.

AND CONSUMPTION

December 31, 1967

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
*4,611	*269,106	*26	*1,180	*1.71	*	*	*	*	*	*
461,529	33,794,163	727	3,874	1.37	948,423	96,930,612	85	28,032	95,030	0.98
6,889	459,526	22	1,741	1.50	2,155	100,591	3	72	2,794	2.14
*14,143	*1,202,197	*80	*1,318	*1.18	*	*	*	*	*	*
112,225	8,095,175	149	4,528	1.39	62,336	6,902,056	15	1,542	38,345	0.90
11,530	670,589	40	1,397	1.72	44,093	3,263,160	13	1,171	20,918	1.35
10,824	787,470	29	2,263	1.37	221	4,706	2	16	196	4.70
*36,097	*2,079,456	*104	*1,666	*1.74	*	*	*	*	*	*
164,064	12,542,784	347	3,012	1.31	375,221	48,007,067	44	10,629	90,922	0.78
46,066	2,411,600	86	2,337	1.91	7,161	508,800	1	75	42,400	1.41
29,917	2,086,874	69	2,520	1.43	12,247	955,532	16	362	4,977	1.28
174,805	13,183,556	170	6,463	1.33	171,136	14,321,549	28	4,802	42,623	1.19
6,874	466,289	20	1,943	1.47	246	18,340	1	6	1,528	1.34
23,297	2,006,738	46	3,635	1.16	32,590	3,879,932	11	914	29,393	0.84
4,691	305,930	11	2,318	1.53	.....	.....	.....	.....	.....	.....
*5,962,815	*617,352,281	*6,386	*8,056	*0.97	*	*	*	*	*	*
41,777	3,225,905	86	3,126	1.30	53,888	4,986,186	34	1,627	12,221	1.08
22,792	1,704,403	52	2,731	1.34	41,923	4,686,324	10	1,090	39,053	0.89
298,766	21,899,730	503	3,628	1.36	674,310	71,704,640	150	19,132	39,836	0.94
*5,082	*290,892	*36	*932	*1.75	*	*	*	*	*	*
14,610	1,036,490	33	2,617	1.41	11,873	644,760	7	397	7,676	1.84
1,626,604	143,191,048	2,332	5,117	1.14	1,142,703	133,767,752	215	32,997	51,848	0.85
12,042	557,756	59	788	2.16	2,770	147,850	6	65	2,053	1.87

NOTE

December Peak Loads—When figure is shown in bold face type, local generation and/or local purchases have been included in addition to the load supplied by Ontario Hydro.

▲See Introduction page 201.

*GENERAL RATE IN EFFECT—Statistics for former Small Commercial, Commercial, and Industrial Power Service are combined. For most of those municipalities where the rate was introduced during 1967, the average monthly consumption for Residential and General-rate customers has been estimated, to provide more appropriate averages than would result from using the number of year-end customers in the calculation.

LIST OF ABBREVIATIONS

A.M.E.U.—Association of Municipal Electrical Utilities	kvar —kilovar(s)
bhp —brake horsepower	kw —kilowatt(s)
cfs —cubic feet per second	kwh —kilowatt-hour(s)
C.L.C. —Canadian Labour Congress	M.E.U. —Municipal Electrical Utilities
ehv —extra-high-voltage	min —minimum
G.S. —Generating Station	—minute (20-min)
H.E.C. —Hydro-Electric Commission	mw —megawatt
H.E.S. —Hydro-Electric System	O.M.E.A.—Ontario Municipal Electric Association
hp —horsepower	P.U.C. —Public Utilities Commission
Jct. —Junction	rpm —revolutions per minute
kv —kilovolt(s)	S.S. —Switching Station
kva —kilovolt-ampere(s)	T.S. —Transformer Station
	Twp. —Township

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